

FIG. 1

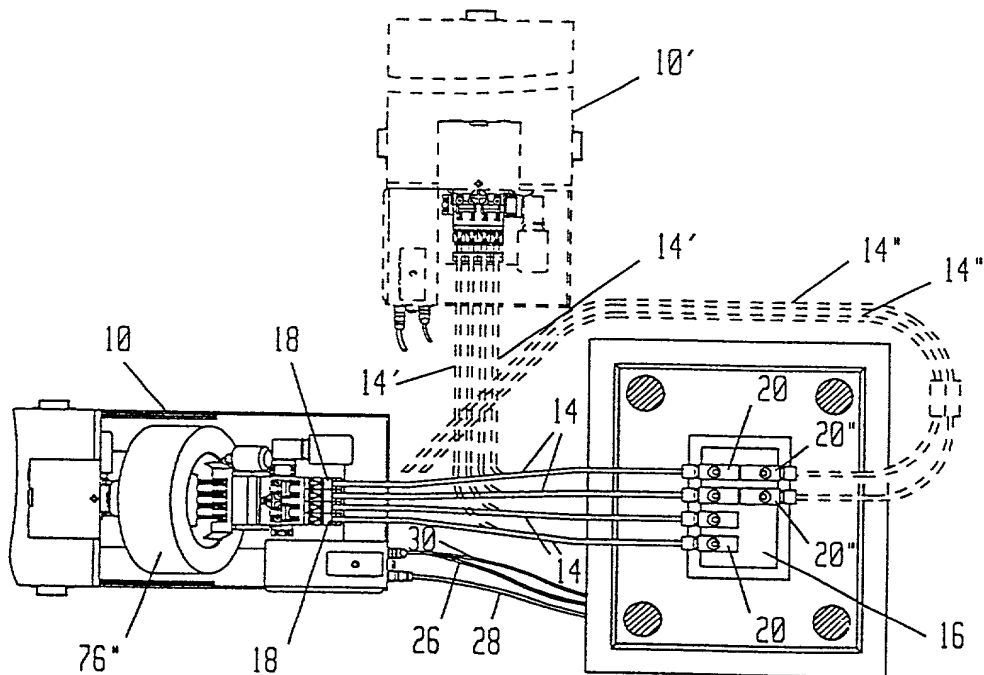


FIG. 2

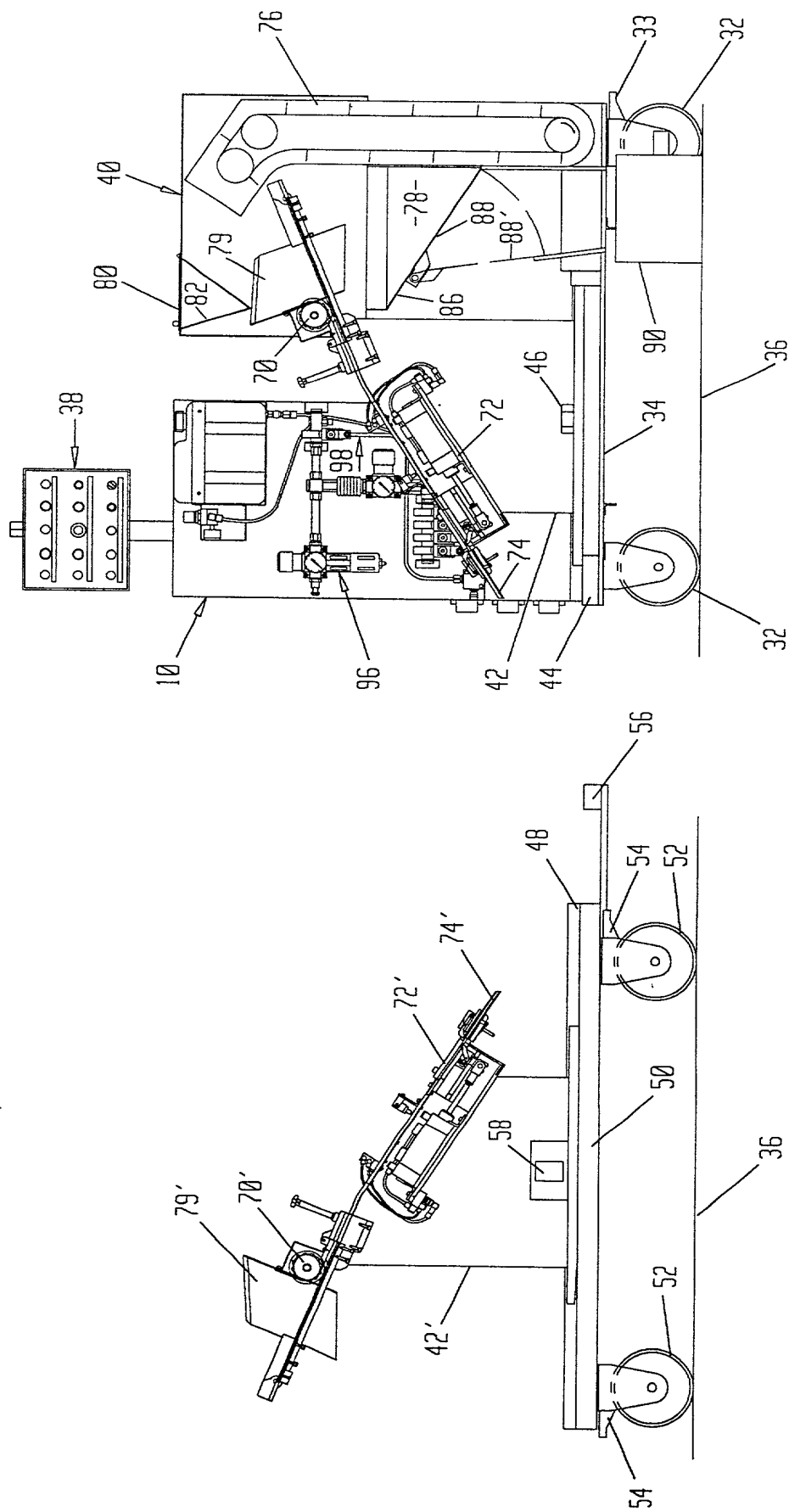


FIG. 3

FIG. 4 is a perspective view of the device 10, showing the front panel 38, the control panel 40, and the display panel 42. The device 10 is shown in a perspective view, with the front panel 38, the control panel 40, and the display panel 42. The device 10 is shown in a perspective view, with the front panel 38, the control panel 40, and the display panel 42.

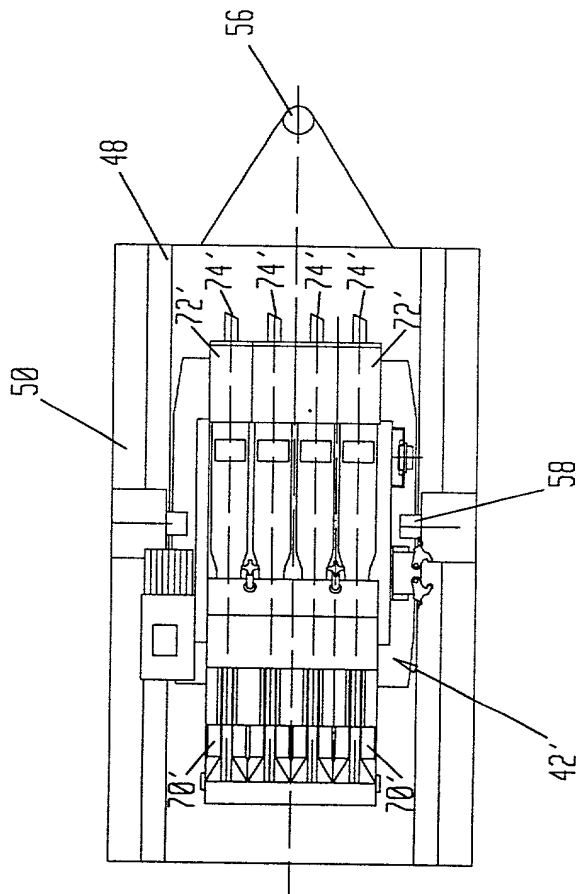
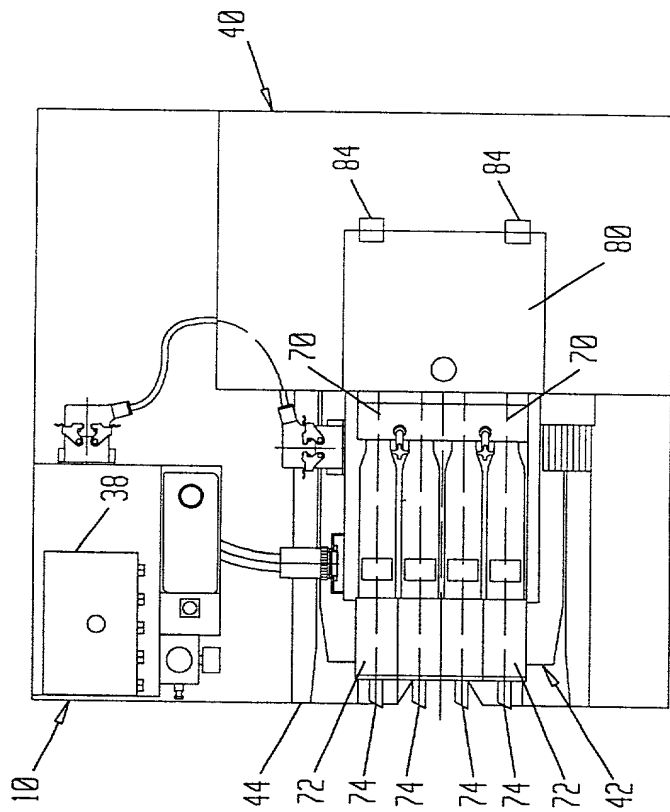


FIG. 4

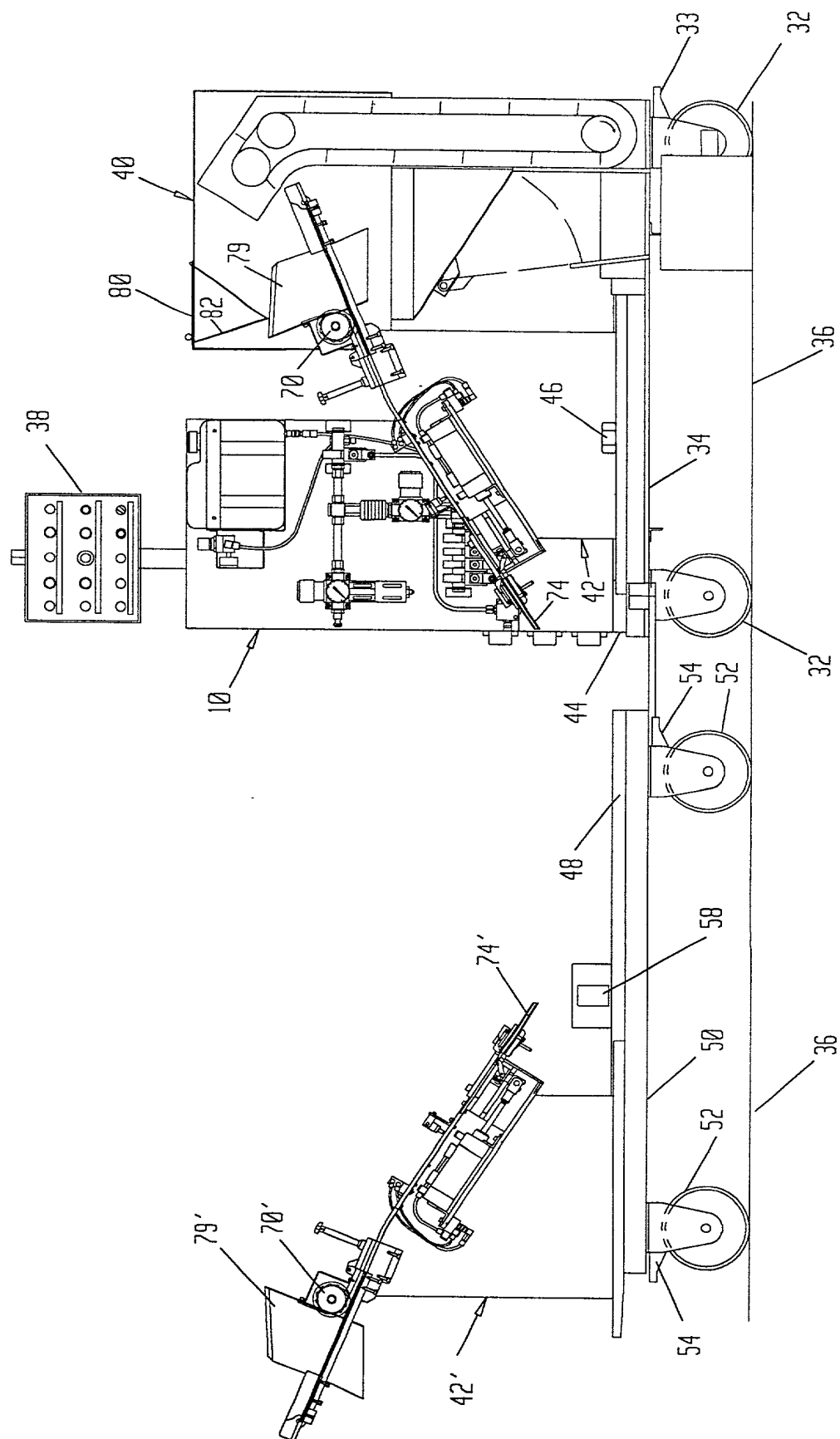


FIG. 5

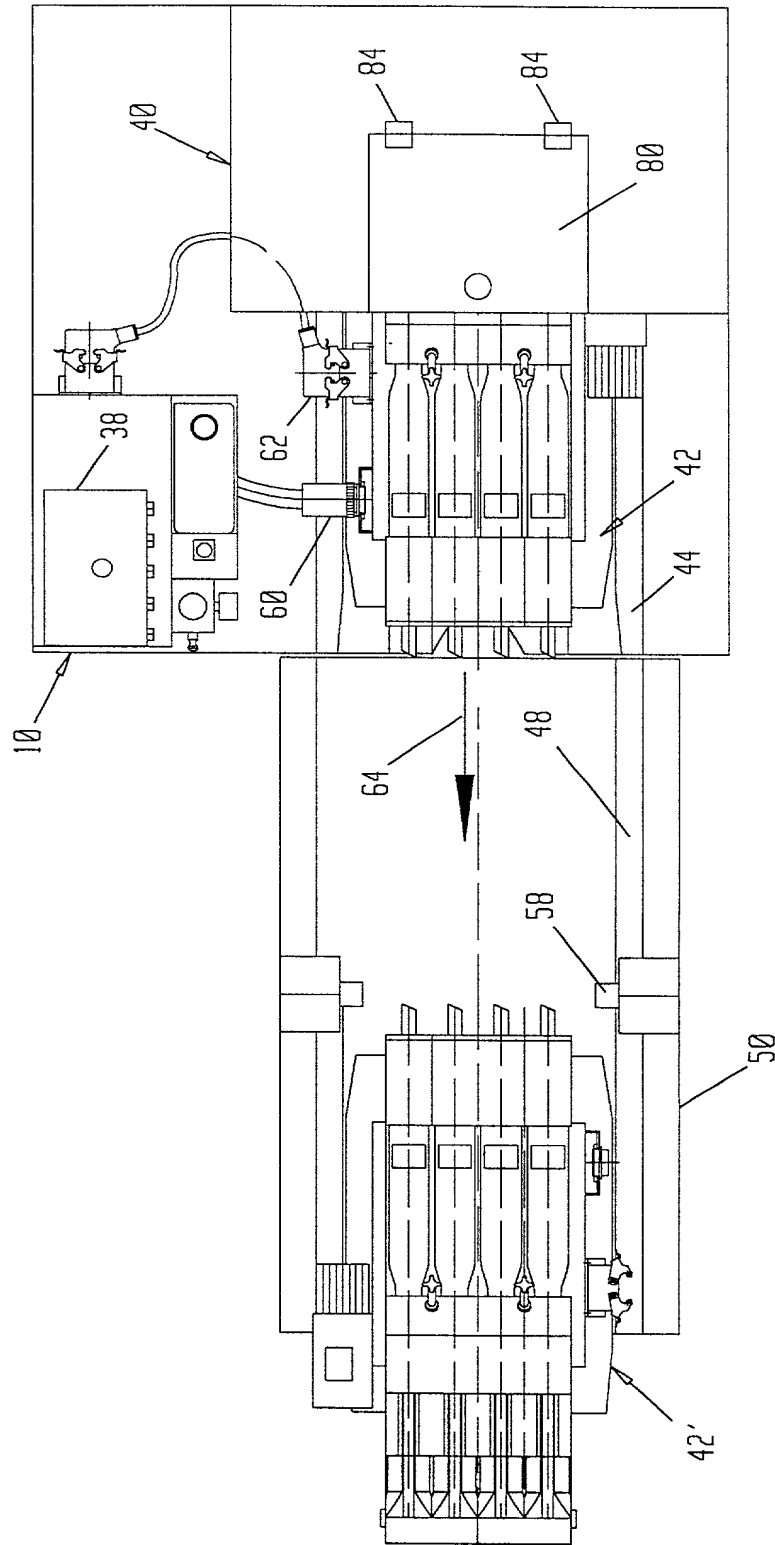


FIG. 9

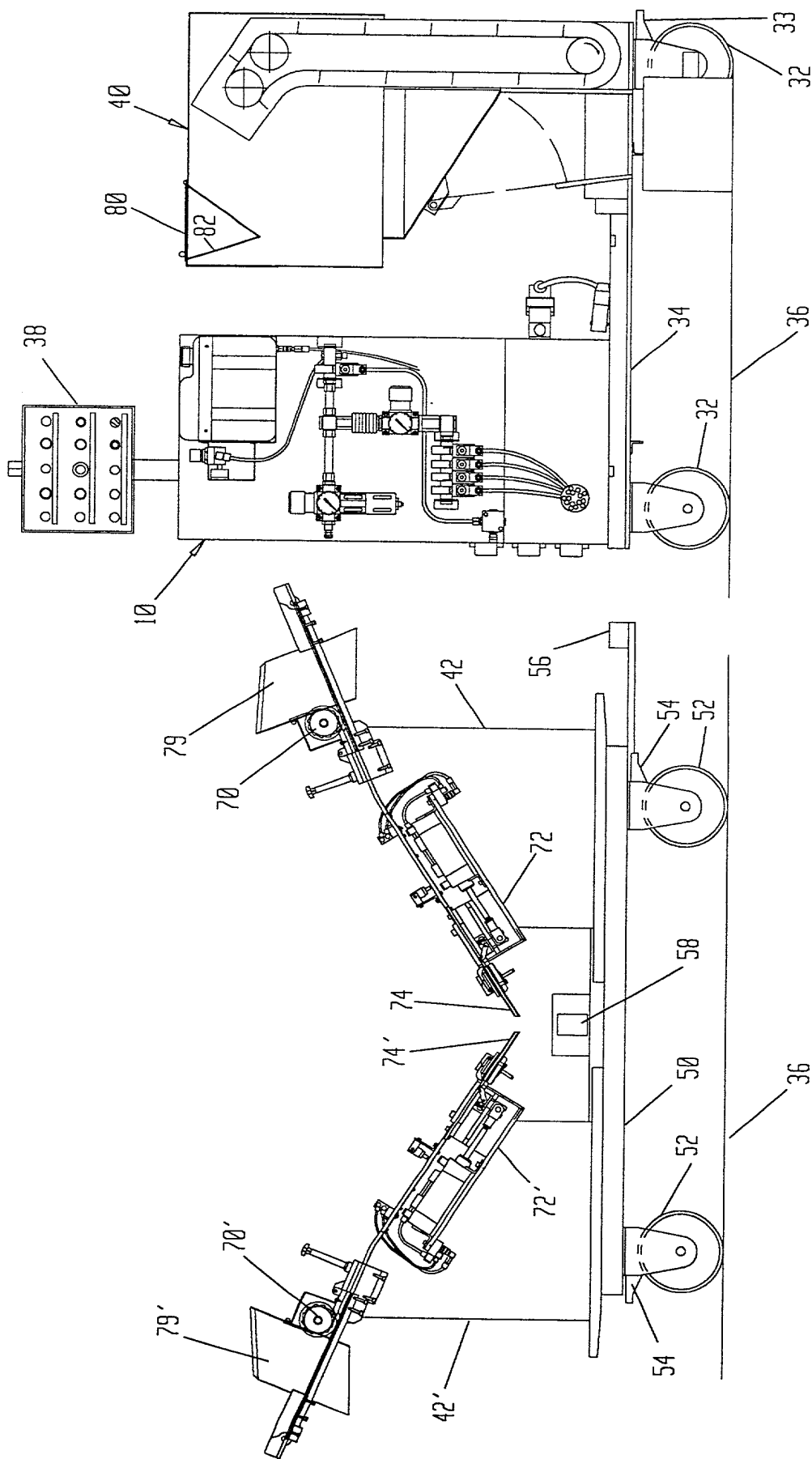


FIG. 7

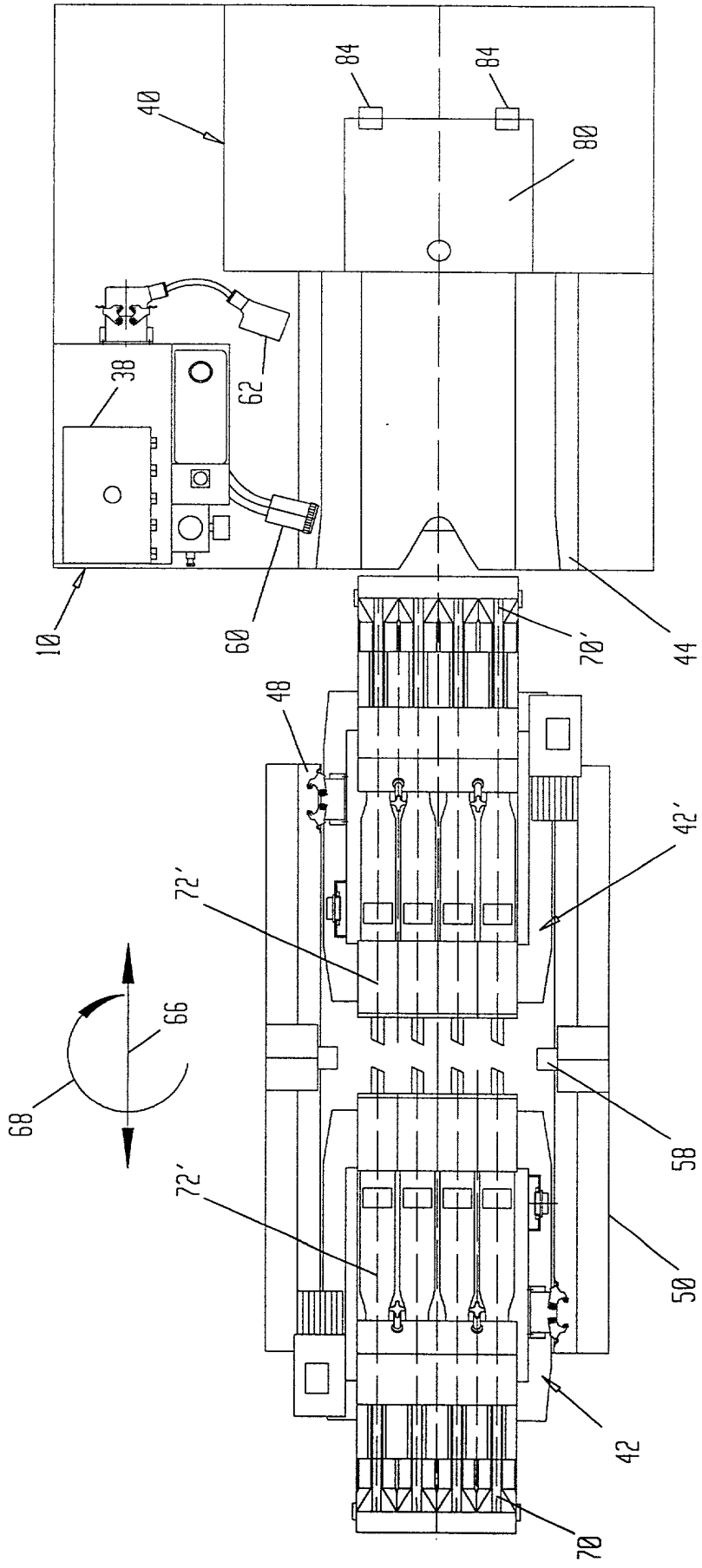


FIG. 8

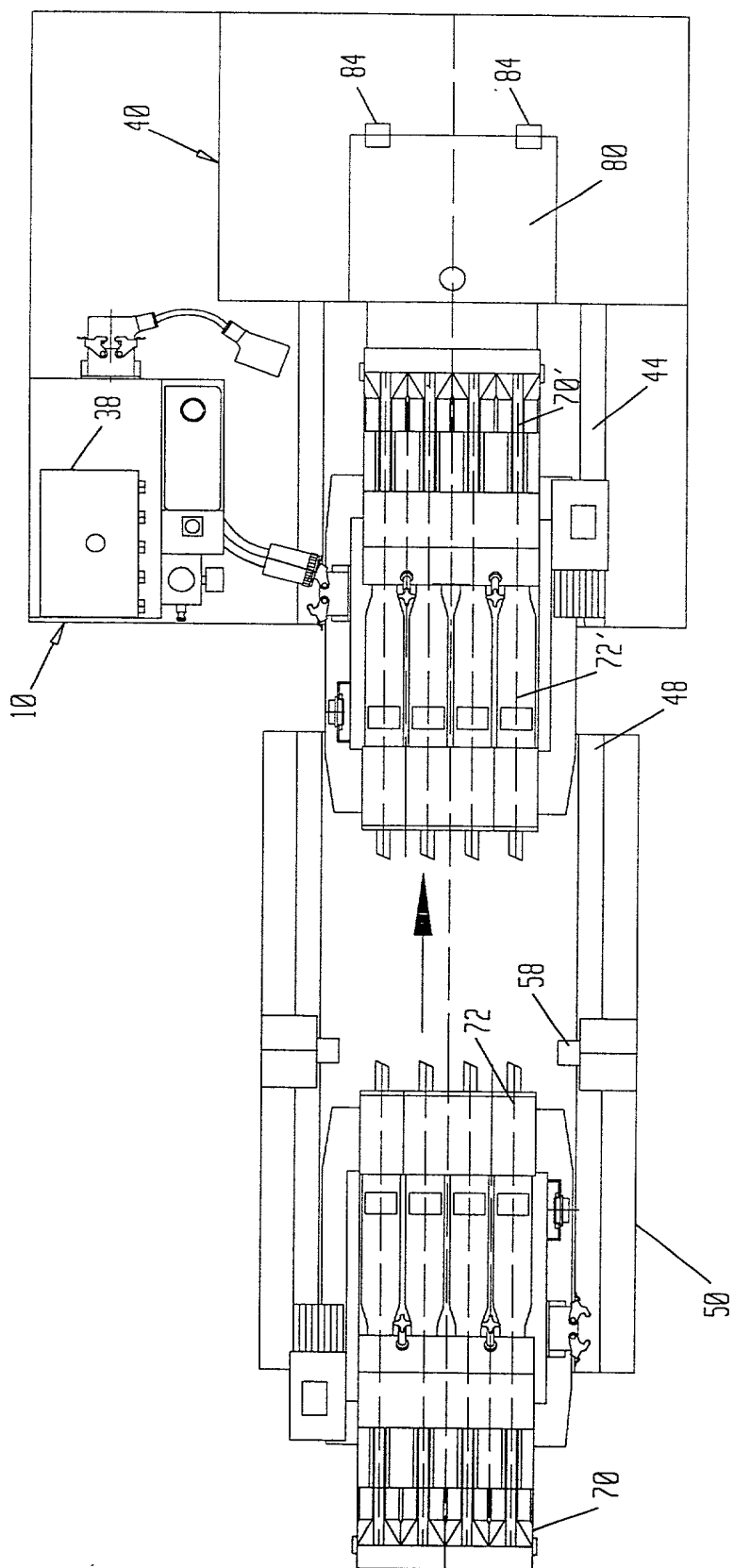


FIG. 10

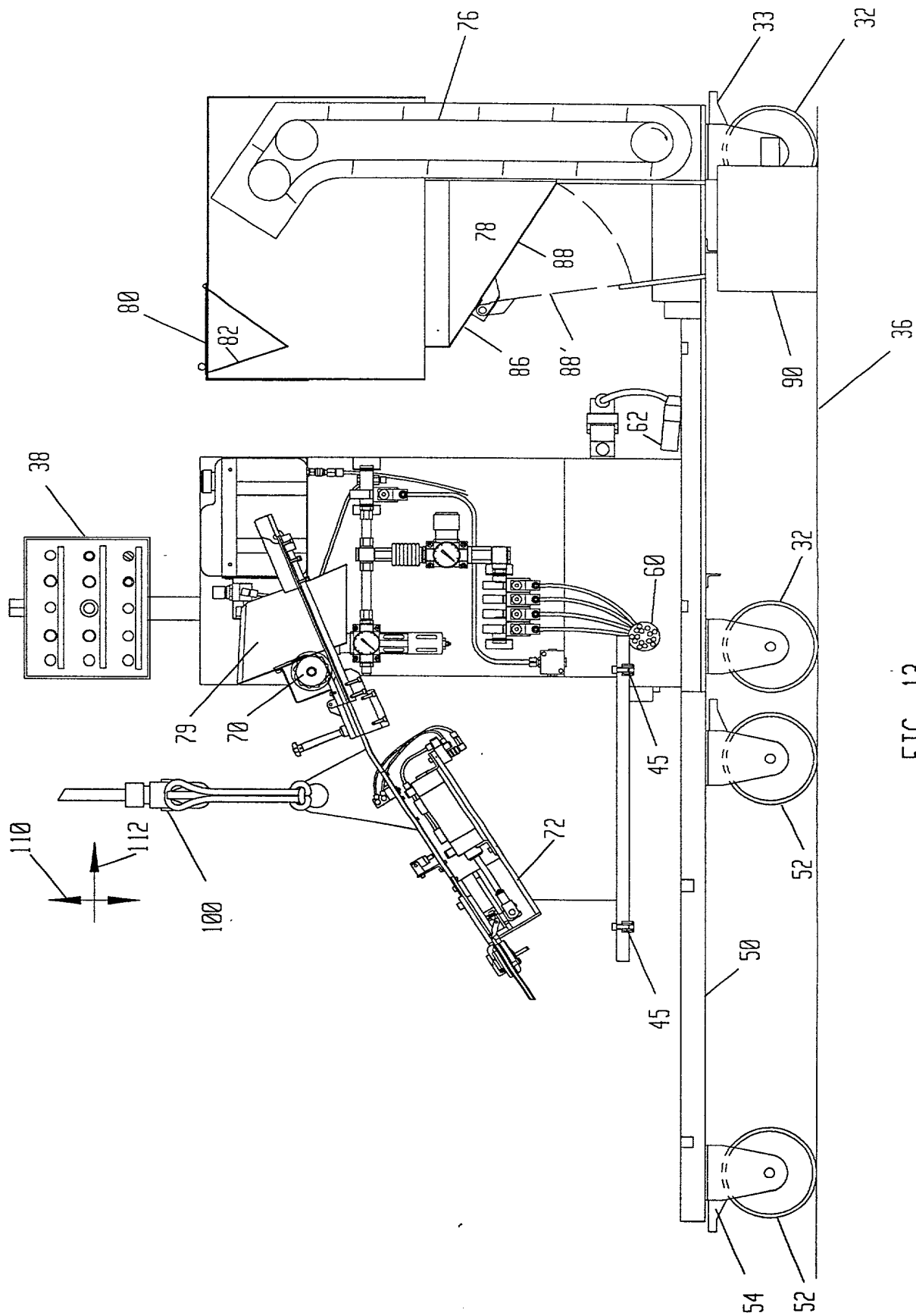


FIG. 13

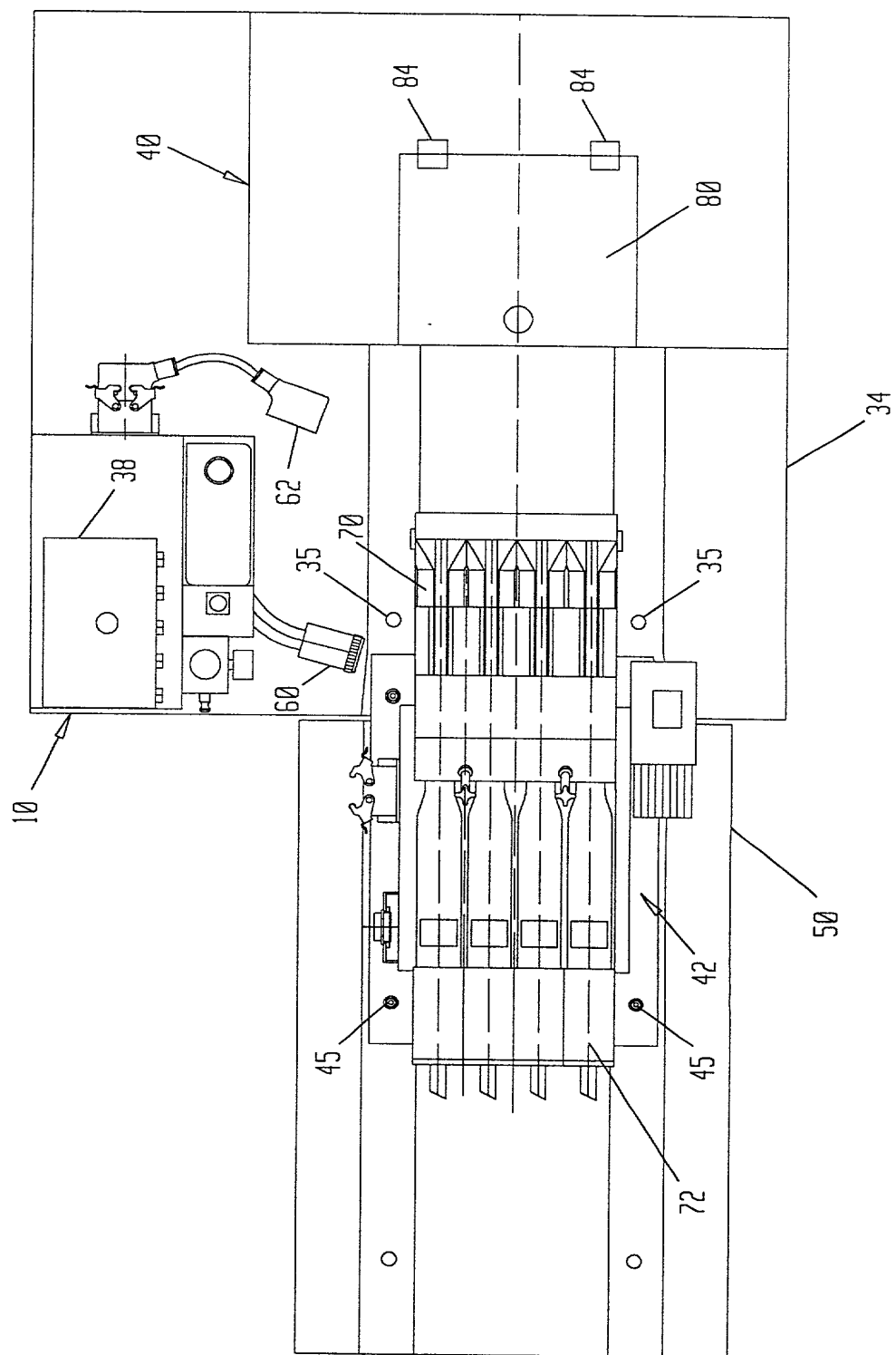


FIG. 14

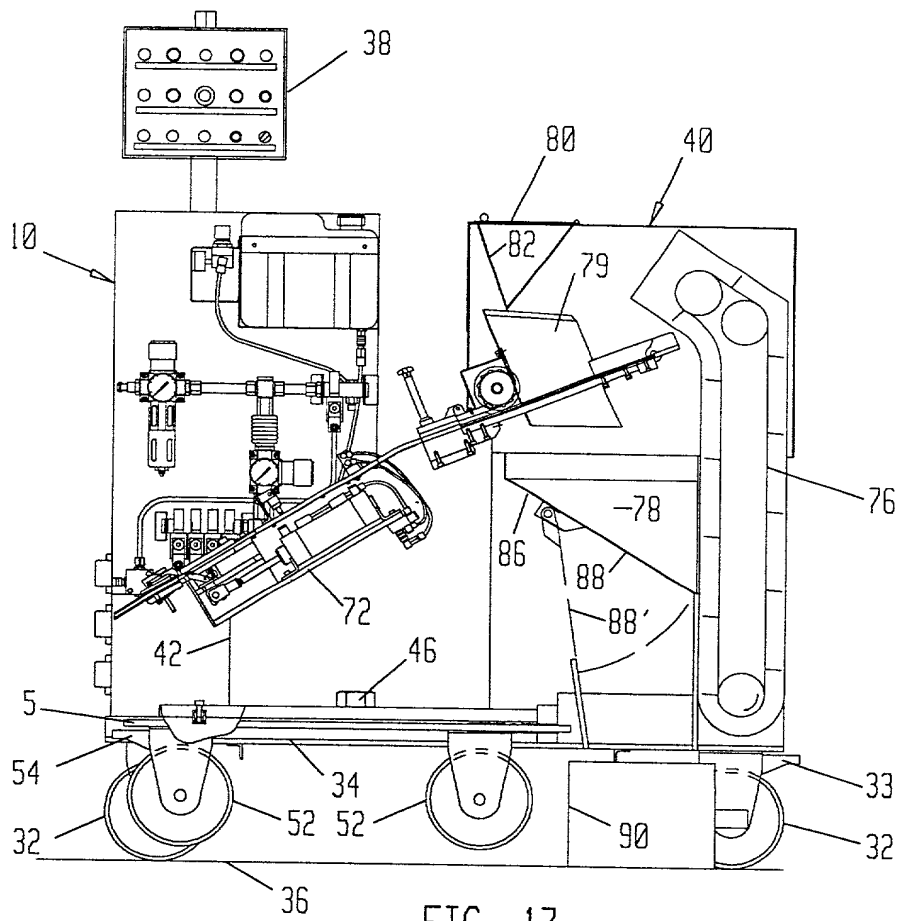


FIG. 17

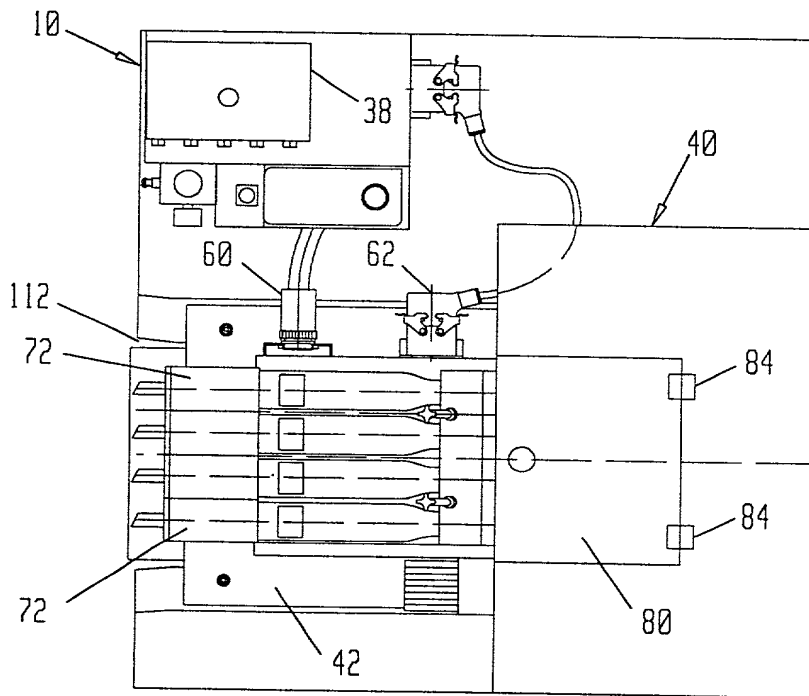


FIG. 18

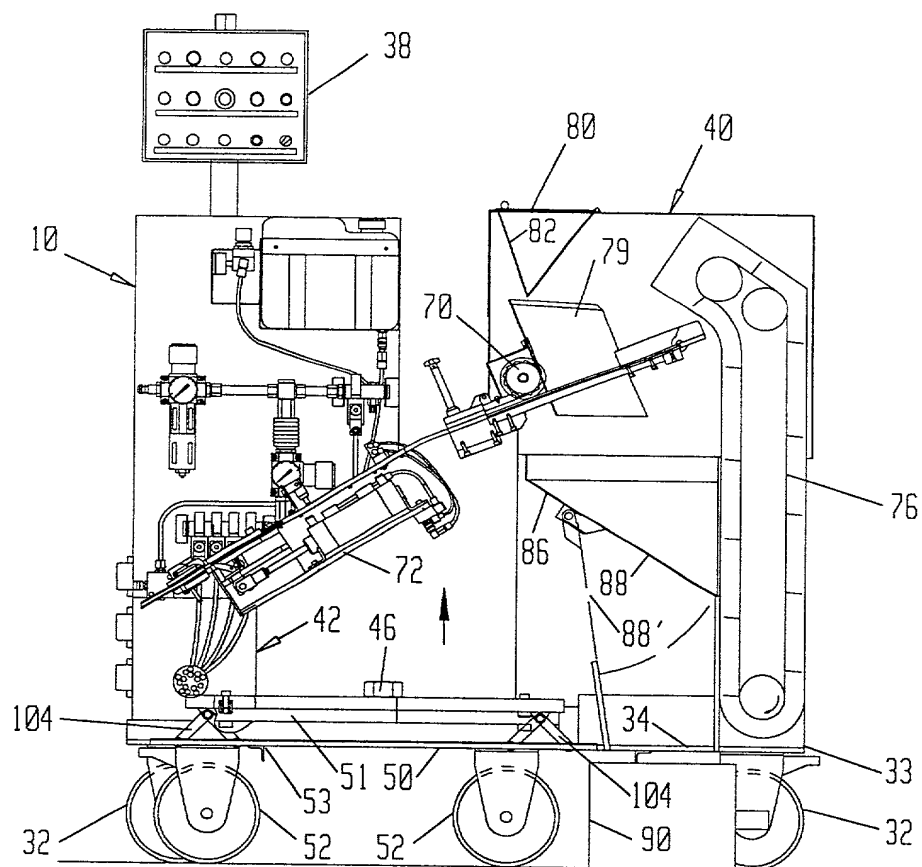


FIG. 19

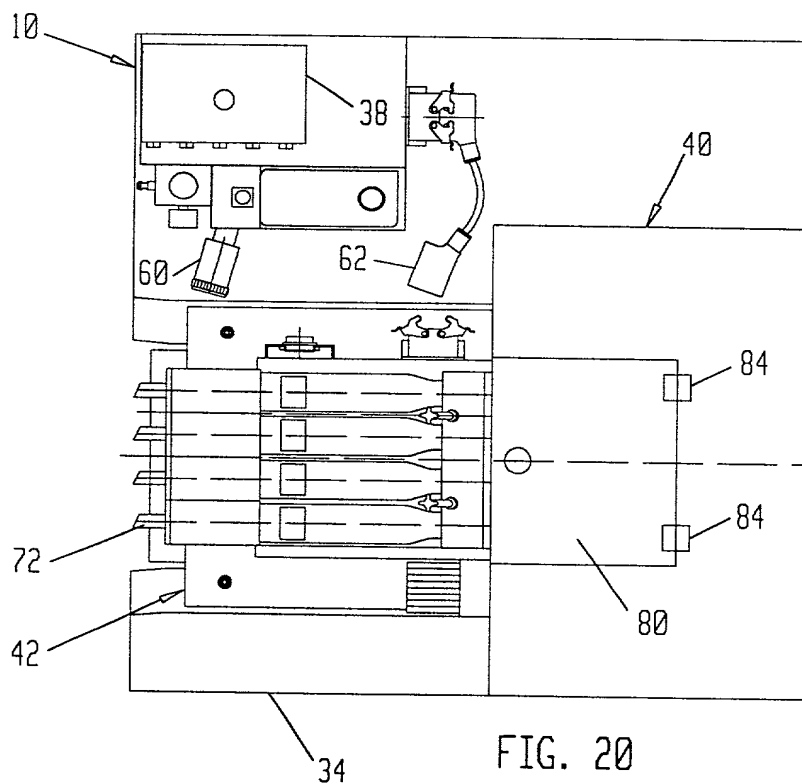
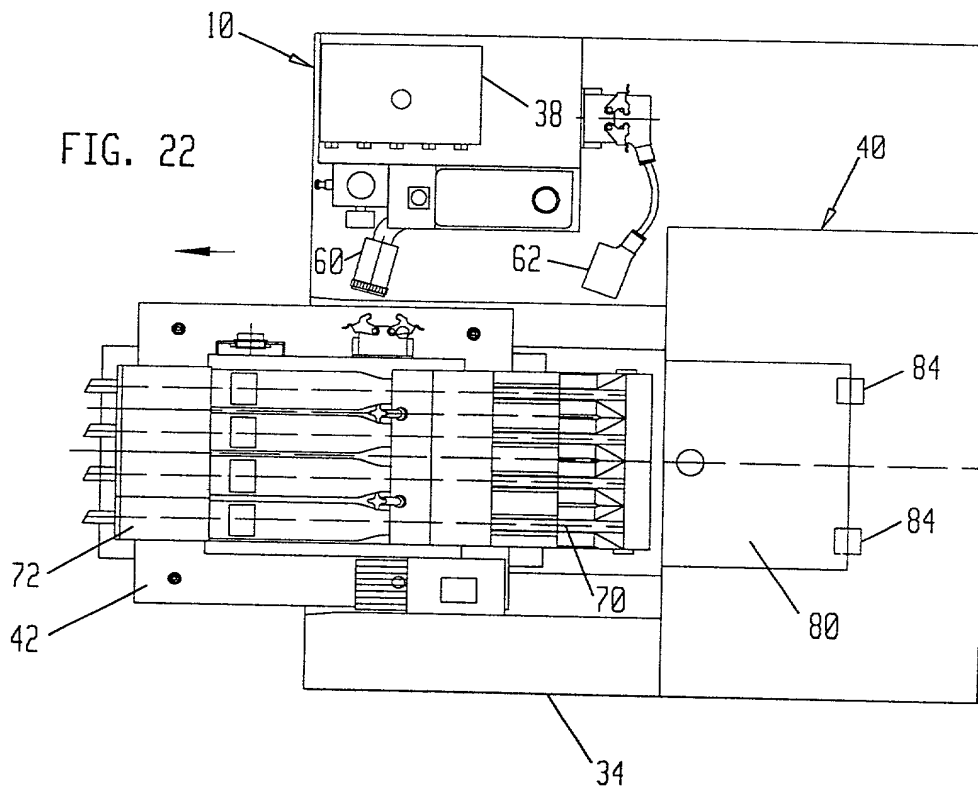
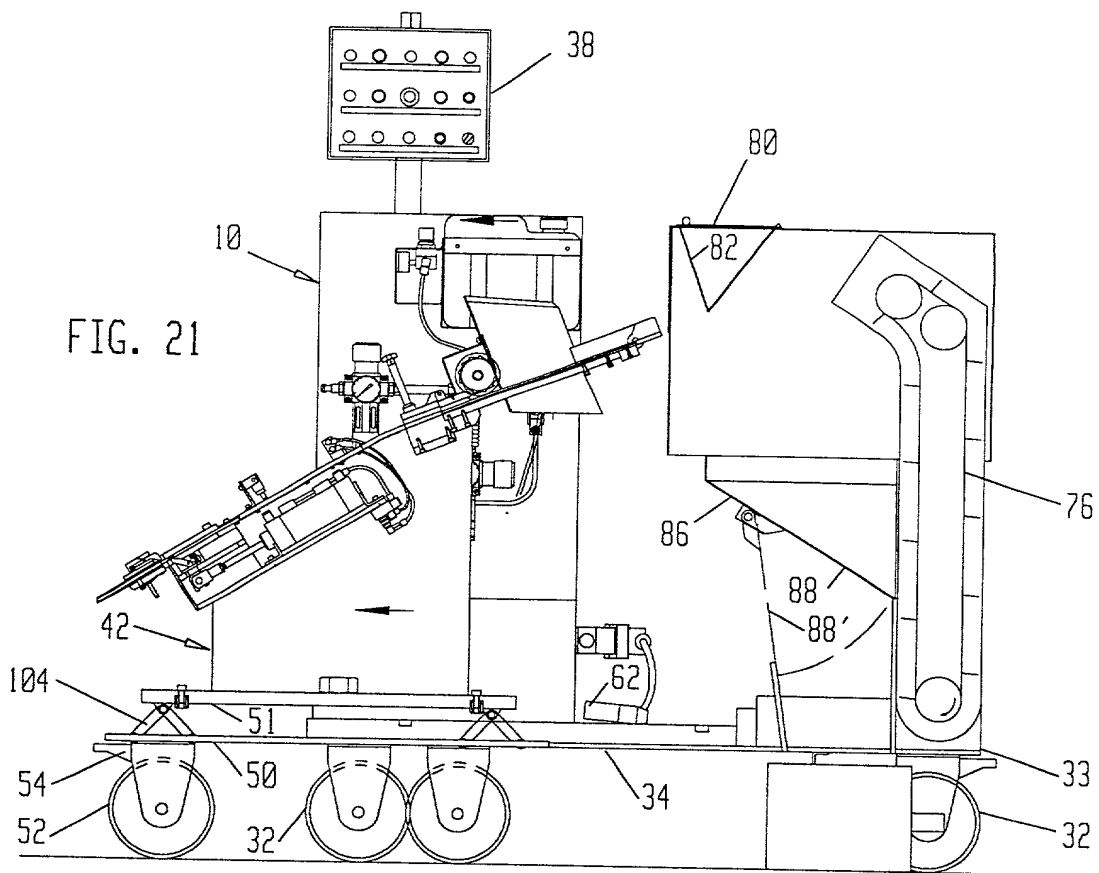
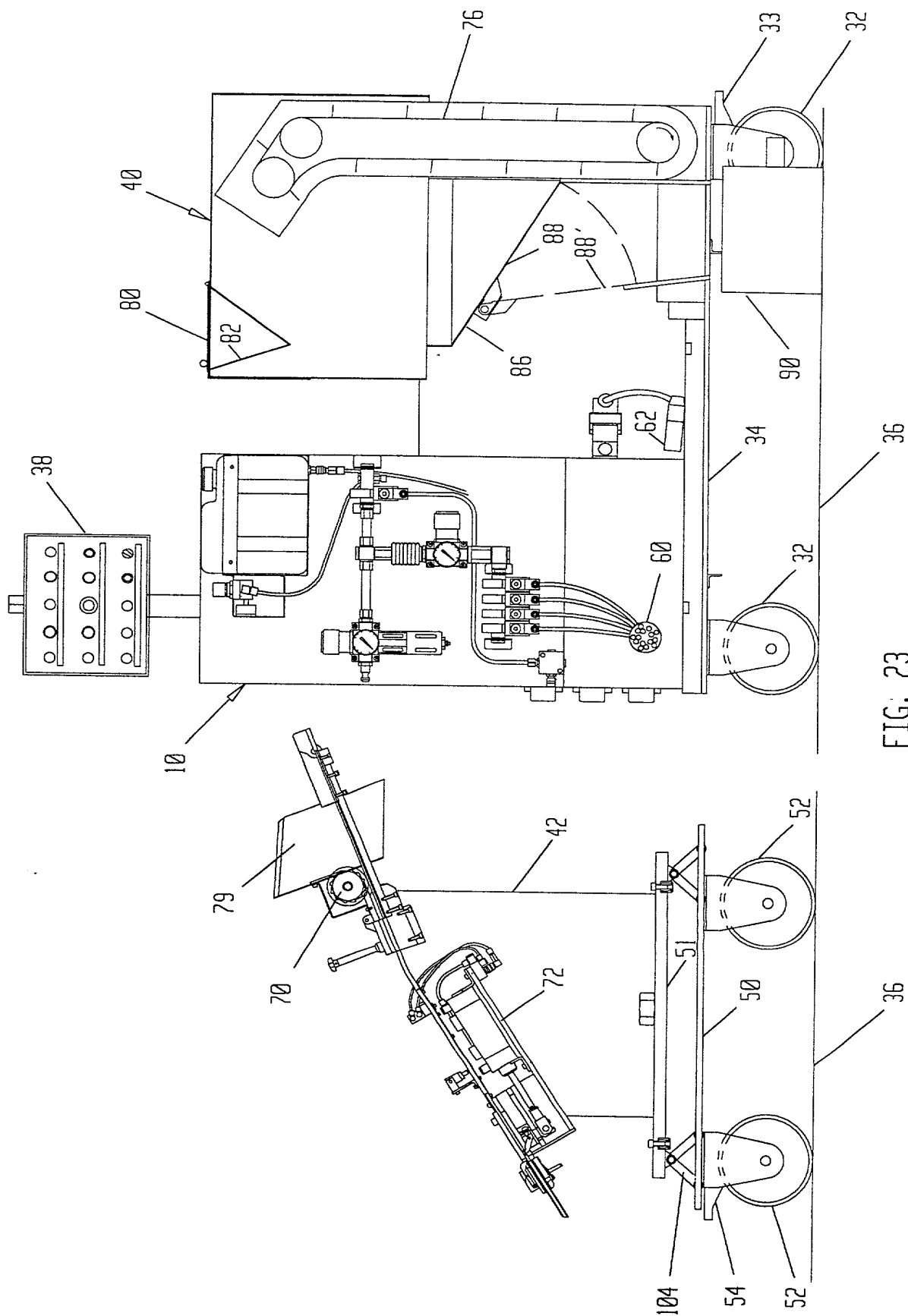


FIG. 20



Year	Age	Sex	Weight (kg)	Length (cm)	Condition	Notes
1981	1	Male	1.2	15.5	Good	
1982	2	Female	1.5	18.0	Good	
1983	3	Male	1.8	20.5	Good	
1984	4	Female	2.1	23.0	Good	
1985	5	Male	2.4	25.5	Good	
1986	6	Female	2.7	28.0	Good	
1987	7	Male	3.0	30.5	Good	
1988	8	Female	3.3	33.0	Good	
1989	9	Male	3.6	35.5	Good	
1990	10	Female	3.9	38.0	Good	
1991	11	Male	4.2	40.5	Good	
1992	12	Female	4.5	43.0	Good	
1993	13	Male	4.8	45.5	Good	
1994	14	Female	5.1	48.0	Good	
1995	15	Male	5.4	50.5	Good	
1996	16	Female	5.7	53.0	Good	
1997	17	Male	6.0	55.5	Good	
1998	18	Female	6.3	58.0	Good	
1999	19	Male	6.6	60.5	Good	
2000	20	Female	6.9	63.0	Good	
2001	21	Male	7.2	65.5	Good	
2002	22	Female	7.5	68.0	Good	
2003	23	Male	7.8	70.5	Good	
2004	24	Female	8.1	73.0	Good	
2005	25	Male	8.4	75.5	Good	
2006	26	Female	8.7	78.0	Good	
2007	27	Male	9.0	80.5	Good	
2008	28	Female	9.3	83.0	Good	
2009	29	Male	9.6	85.5	Good	
2010	30	Female	9.9	88.0	Good	
2011	31	Male	10.2	90.5	Good	
2012	32	Female	10.5	93.0	Good	
2013	33	Male	10.8	95.5	Good	
2014	34	Female	11.1	98.0	Good	
2015	35	Male	11.4	100.5	Good	
2016	36	Female	11.7	103.0	Good	
2017	37	Male	12.0	105.5	Good	
2018	38	Female	12.3	108.0	Good	
2019	39	Male	12.6	110.5	Good	
2020	40	Female	12.9	113.0	Good	
2021	41	Male	13.2	115.5	Good	
2022	42	Female	13.5	118.0	Good	
2023	43	Male	13.8	120.5	Good	
2024	44	Female	14.1	123.0	Good	
2025	45	Male	14.4	125.5	Good	
2026	46	Female	14.7	128.0	Good	
2027	47	Male	15.0	130.5	Good	
2028	48	Female	15.3	133.0	Good	
2029	49	Male	15.6	135.5	Good	
2030	50	Female	15.9	138.0	Good	



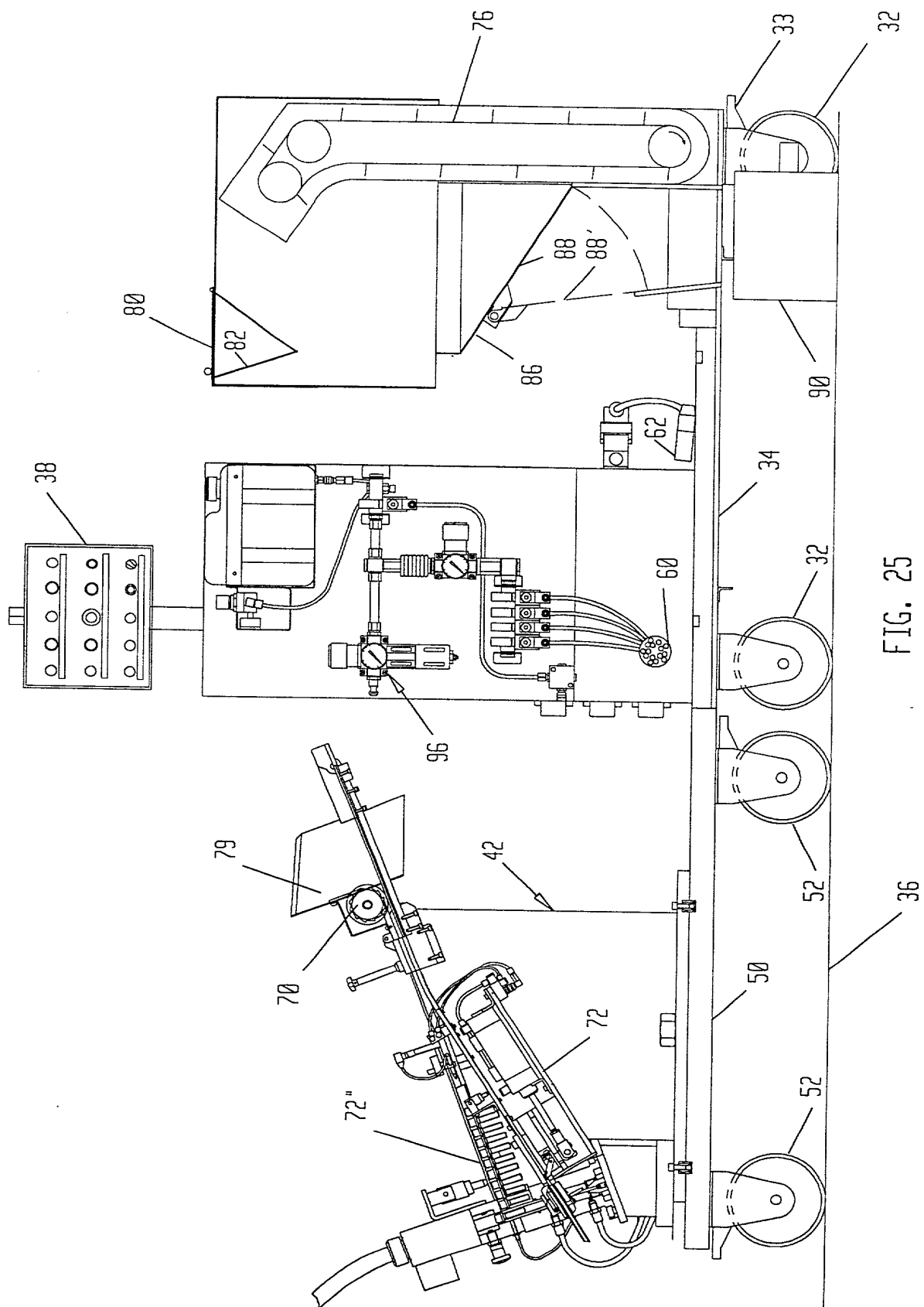


FIG. 26 is a perspective view of the system 10 in a closed position. The system 10 includes a housing 12, a motor 14, a drive shaft 16, a gear 18, a cam 20, a follower 22, a plunger 24, a needle 26, a syringe 28, a reservoir 30, a valve 32, a filter 34, a pump 36, a tube 38, a connector 40, a plug 42, a cap 44, a label 46, a window 48, a port 50, a pin 52, a clip 54, a ring 56, a band 58, a strap 60, a buckle 62, a latch 64, a lock 66, a key 68, a handle 70, a grip 72, a knob 74, a switch 76, a button 78, a dial 80, a display 82, a screen 84, a keyboard 86, a mouse 88, a joystick 90, a trackball 92, a touchpad 94, a trackpoint 96, a touch screen 98, a stylus 100, a pen 102, a pencil 104, a marker 106, a highlighter 108, a eraser 110, a sharpener 112, a hole punch 114, a stapler 116, a paper shredder 118, a file folder 120, a binder 122, a folder 124, a divider 126, a tab 128, a clip 130, a ring 132, a band 134, a strap 136, a buckle 138, a latch 140, a lock 142, a key 144, a handle 146, a grip 148, a knob 150, a switch 152, a button 154, a dial 156, a display 158, a screen 160, a keyboard 162, a mouse 164, a joystick 166, a trackball 168, a touchpad 170, a trackpoint 172, a touch screen 174, a stylus 176, a pen 178, a pencil 180, a marker 182, a highlighter 184, a eraser 186, a sharpener 188, a hole punch 190, a stapler 192, a paper shredder 194, a file folder 196, a binder 198, a folder 200, a divider 202, a tab 204, a clip 206, a ring 208, a band 210, a strap 212, a buckle 214, a latch 216, a lock 218, a key 220, a handle 222, a grip 224, a knob 226, a switch 228, a button 230, a dial 232, a display 234, a screen 236, a keyboard 238, a mouse 240, a joystick 242, a trackball 244, a touchpad 246, a trackpoint 248, a touch screen 250, a stylus 252, a pen 254, a pencil 256, a marker 258, a highlighter 260, a eraser 262, a sharpener 264, a hole punch 266, a stapler 268, a paper shredder 270, a file folder 272, a binder 274, a folder 276, a divider 278, a tab 280, a clip 282, a ring 284, a band 286, a strap 288, a buckle 290, a latch 292, a lock 294, a key 296, a handle 298, a grip 300, a knob 302, a switch 304, a button 306, a dial 308, a display 310, a screen 312, a keyboard 314, a mouse 316, a joystick 318, a trackball 320, a touchpad 322, a trackpoint 324, a touch screen 326, a stylus 328, a pen 330, a pencil 332, a marker 334, a highlighter 336, a eraser 338, a sharpener 340, a hole punch 342, a stapler 344, a paper shredder 346, a file folder 348, a binder 350, a folder 352, a divider 354, a tab 356, a clip 358, a ring 360, a band 362, a strap 364, a buckle 366, a latch 368, a lock 370, a key 372, a handle 374, a grip 376, a knob 378, a switch 380, a button 382, a dial 384, a display 386, a screen 388, a keyboard 390, a mouse 392, a joystick 394, a trackball 396, a touchpad 398, a trackpoint 400, a touch screen 402, a stylus 404, a pen 406, a pencil 408, a marker 410, a highlighter 412, a eraser 414, a sharpener 416, a hole punch 418, a stapler 420, a paper shredder 422, a file folder 424, a binder 426, a folder 428, a divider 430, a tab 432, a clip 434, a ring 436, a band 438, a strap 440, a buckle 442, a latch 444, a lock 446, a key 448, a handle 450, a grip 452, a knob 454, a switch 456, a button 458, a dial 460, a display 462, a screen 464, a keyboard 466, a mouse 468, a joystick 470, a trackball 472, a touchpad 474, a trackpoint 476, a touch screen 478, a stylus 480, a pen 482, a pencil 484, a marker 486, a highlighter 488, a eraser 490, a sharpener 492, a hole punch 494, a stapler 496, a paper shredder 498, a file folder 500, a binder 502, a folder 504, a divider 506, a tab 508, a clip 510, a ring 512, a band 514, a strap 516, a buckle 518, a latch 520, a lock 522, a key 524, a handle 526, a grip 528, a knob 530, a switch 532, a button 534, a dial 536, a display 538, a screen 540, a keyboard 542, a mouse 544, a joystick 546, a trackball 548, a touchpad 550, a trackpoint 552, a touch screen 554, a stylus 556, a pen 558, a pencil 560, a marker 562, a highlighter 564, a eraser 566, a sharpener 568, a hole punch 570, a stapler 572, a paper shredder 574, a file folder 576, a binder 578, a folder 580, a divider 582, a tab 584, a clip 586, a ring 588, a band 590, a strap 592, a buckle 594, a latch 596, a lock 598, a key 600, a handle 602, a grip 604, a knob 606, a switch 608, a button 610, a dial 612, a display 614, a screen 616, a keyboard 618, a mouse 620, a joystick 622, a trackball 624, a touchpad 626, a trackpoint 628, a touch screen 630, a stylus 632, a pen 634, a pencil 636, a marker 638, a highlighter 640, a eraser 642, a sharpener 644, a hole punch 646, a stapler 648, a paper shredder 650, a file folder 652, a binder 654, a folder 656, a divider 658, a tab 660, a clip 662, a ring 664, a band 666, a strap 668, a buckle 670, a latch 672, a lock 674, a key 676, a handle 678, a grip 680, a knob 682, a switch 684, a button 686, a dial 688, a display 690, a screen 692, a keyboard 694, a mouse 696, a joystick 698, a trackball 700, a touchpad 702, a trackpoint 704, a touch screen 706, a stylus 708, a pen 710, a pencil 712, a marker 714, a highlighter 716, a eraser 718, a sharpener 720, a hole punch 722, a stapler 724, a paper shredder 726, a file folder 728, a binder 730, a folder 732, a divider 734, a tab 736, a clip 738, a ring 740, a band 742, a strap 744, a buckle 746, a latch 748, a lock 750, a key 752, a handle 754, a grip 756, a knob 758, a switch 760, a button 762, a dial 764, a display 766, a screen 768, a keyboard 770, a mouse 772, a joystick 774, a trackball 776, a touchpad 778, a trackpoint 780, a touch screen 782, a stylus 784, a pen 786, a pencil 788, a marker 790, a highlighter 792, a eraser 794, a sharpener 796, a hole punch 798, a stapler 800, a paper shredder 802, a file folder 804, a binder 806, a folder 808, a divider 810, a tab 812, a clip 814, a ring 816, a band 818, a strap 820, a buckle 822, a latch 824, a lock 826, a key 828, a handle 830, a grip 832, a knob 834, a switch 836, a button 838, a dial 840, a display 842, a screen 844, a keyboard 846, a mouse 848, a joystick 850, a trackball 852, a touchpad 854, a trackpoint 856, a touch screen 858, a stylus 860, a pen 862, a pencil 864, a marker 866, a highlighter 868, a eraser 870, a sharpener 872, a hole punch 874, a stapler 876, a paper shredder 878, a file folder 880, a binder 882, a folder 884, a divider 886, a tab 888, a clip 890, a ring 892, a band 894, a strap 896, a buckle 898, a latch 900, a lock 902, a key 904, a handle 906, a grip 908, a knob 910, a switch 912, a button 914, a dial 916, a display 918, a screen 920, a keyboard 922, a mouse 924, a joystick 926, a trackball 928, a touchpad 930, a trackpoint 932, a touch screen 934, a stylus 936, a pen 938, a pencil 940, a marker 942, a highlighter 944, a eraser 946, a sharpener 948, a hole punch 950, a stapler 952, a paper shredder 954, a file folder 956, a binder 958, a folder 960, a divider 962, a tab 964, a clip 966, a ring 968, a band 970, a strap 972, a buckle 974, a latch 976, a lock 978, a key 980, a handle 982, a grip 984, a knob 986, a switch 988, a button 990, a dial 992, a display 994, a screen 996, a keyboard 998, a mouse 1000, a joystick 1002, a trackball 1004, a touchpad 1006, a trackpoint 1008, a touch screen 1010, a stylus 1012, a pen 1014, a pencil 1016, a marker 1018, a highlighter 1020, a eraser 1022, a sharpener 1024, a hole punch 1026, a stapler 1028, a paper shredder 1030, a file folder 1032, a binder 1034, a folder 1036, a divider 1038, a tab 1040, a clip 1042, a ring 1044, a band 1046, a strap 1048, a buckle 1050, a latch 1052, a lock 1054, a key 1056, a handle 1058, a grip 1060, a knob 1062, a switch 1064, a button 1066, a dial 1068, a display 1070, a screen 1072, a keyboard 1074, a mouse 1076, a joystick 1078, a trackball 1080, a touchpad 1082, a trackpoint 1084, a touch screen 1086, a stylus 1088, a pen 1090, a pencil 1092, a marker 1094, a highlighter 1096, a eraser 1098, a sharpener 1100, a hole punch 1102, a stapler 1104, a paper shredder 1106, a file folder 1108, a binder 1110, a folder 1112, a divider 1114, a tab 1116, a clip 1118, a ring 1120, a band 1122, a strap 1124, a buckle 1126, a latch 1128, a lock 1130, a key 1132, a handle 1134, a grip 1136, a knob 1138, a switch 1140, a button 1142, a dial 1144, a display 1146, a screen 1148, a keyboard 1150, a mouse 1152, a joystick 1154, a trackball 1156, a touchpad 1158, a trackpoint 1160, a touch screen 1162, a stylus 1164, a pen 1166, a pencil 1168, a marker 1170, a highlighter 1172, a eraser 1174, a sharpener 1176, a hole punch 1178, a stapler 1180, a paper shredder 1182, a file folder 1184, a binder 1186, a folder 1188, a divider 1190, a tab 1192, a clip 1194, a ring 1196, a band 1198, a strap 1200, a buckle 1202, a latch 1204, a lock 1206, a key 1208, a handle 1210, a grip 1212, a knob 1214, a switch 1216, a button 1218, a dial 1220, a display 1222, a screen 1224, a keyboard 1226, a mouse 1228, a joystick 1230, a trackball 1232, a touchpad 1234, a trackpoint 1236, a touch screen 1238, a stylus 1240, a pen 1242, a pencil 1244, a marker 1246, a highlighter 1248, a eraser 1250, a sharpener 1252, a hole punch 1254, a stapler 1256, a paper shredder 1258, a file folder 1260, a binder 1262, a folder 1264, a divider 1266, a tab 1268, a clip 1270, a ring 1272, a band 1274, a strap 1276, a buckle 1278, a latch 1280, a lock 1282, a key 1284, a handle 1286, a grip 1288, a knob 1290, a switch 1292, a button 1294, a dial 1296, a display 1298, a screen 1300, a keyboard 1302, a mouse 1304, a joystick 1306, a trackball 1308, a touchpad 1310, a trackpoint 1312, a touch screen 1314, a stylus 1316, a pen 1318, a pencil 1320, a marker 1322, a highlighter 1324, a eraser 1326, a sharpener 1328, a hole punch 1330, a stapler 1332, a paper shredder 1334, a file folder 1336, a binder 1338, a folder 1340, a divider 1342, a tab 1344, a clip 1346, a ring 1348, a band 1350, a strap 1352, a buckle 1354, a latch 1356, a lock 1358, a key 1360, a handle 1362, a grip 1364, a knob 1366, a switch 1368, a button 1370, a dial 1372, a display 1374, a screen 1376, a keyboard 1378, a mouse 1380, a joystick 1382, a trackball 1384, a touchpad 1386, a trackpoint 1388, a touch screen 1390, a stylus 1392, a pen 1394, a pencil 1396, a marker 1398, a highlighter 1400, a eraser 1402, a sharpener 1404, a hole punch 1406, a stapler 1408, a paper shredder 1410, a file folder 1412, a binder 1414, a folder 1416, a divider 1418, a tab 1420, a clip 1422, a ring 1424, a band 1426, a strap 1428, a buckle 1430, a latch 1432, a lock 1434, a key 1436, a handle 1438, a grip 1440, a knob 1442, a switch 1444, a button 1446, a dial 1448, a display 1450, a screen 1452, a keyboard 1454, a mouse 1456, a joystick 1458, a trackball 1460, a touchpad 1462, a trackpoint 1464, a touch screen 1466, a stylus 1468, a pen 1470, a pencil 1472, a marker 1474, a highlighter 1476, a eraser 1478, a sharpener 1480, a hole punch 1482, a stapler 1484, a paper shredder 1486, a file folder 1488, a binder 1490, a folder 1492, a divider 1494, a tab 1496, a clip 1498, a ring 1500, a band 1502, a strap 1504, a buckle 1506, a latch 1508, a lock 1510, a key 1512, a handle 1514, a grip 1516, a knob 1518, a switch 1520, a button 1522, a dial 1524, a display 1526, a screen 1528, a keyboard 1530, a mouse 1532, a joystick 1534, a trackball 1536, a touchpad 1538, a trackpoint 1540, a touch screen 1542, a stylus 1544, a pen 1546, a pencil 1548, a marker 1550, a highlighter 1552, a eraser 1554, a sharpener 1556, a hole punch 1558, a stapler 1560, a paper shredder 1562, a file folder 1564, a binder 1566, a folder 1568, a divider 1570, a tab 1572, a clip 1574, a ring 1576, a band 1578, a strap 1580, a buckle 1582, a latch 1584, a lock 1586, a key 1588, a handle 1590, a grip 1592, a knob 1594, a switch 1596, a button 1598, a dial 1600, a display 1602, a screen 1604, a keyboard 1606, a mouse 1608, a joystick 1610, a trackball 1612, a touchpad 1614, a trackpoint 1616, a touch screen 1618, a stylus 1620, a pen 1622, a pencil 1624, a marker 1626, a highlighter 1628, a eraser 1630, a sharpener 1632, a hole punch 1634, a stapler 1636, a paper shredder 1638, a file folder 1640, a binder 1642, a folder 1644, a divider 1646, a tab 1648, a clip 1650, a ring 1652, a band 1654, a strap 1656, a buckle 1658, a latch 1660, a lock 1662, a key 1664, a handle 1666, a grip 1668, a knob 1670, a switch 1672, a button 1674, a dial 1676, a display 1678, a screen 1680, a keyboard 1682, a mouse 1684, a joystick 1686, a trackball 1688, a touchpad 1690, a trackpoint 1692, a touch screen 1694, a stylus 1696, a pen 1698, a pencil 1700, a marker 1702, a highlighter 1704, a eraser 1706, a sharpener 1708, a hole punch 1710, a stapler 1712, a paper shredder 1714, a file folder 1716, a binder 1718, a folder 1720, a divider 1722, a tab 1724, a clip 1726, a ring 1728, a band 1730, a strap 1732, a buckle 1734, a latch 1736, a lock 1738, a key 1740, a handle 1742, a grip 1744, a knob 1746, a switch 1748, a button 1750, a dial 1752, a display 1754, a screen 1756, a keyboard 1758, a mouse 1760, a joystick 1762, a trackball 1764, a touchpad 1766, a trackpoint 1768, a touch screen 1770, a stylus 1772, a pen 1774, a pencil 1776, a marker 1778, a highlighter 1780, a eraser 1782, a sharpener 1784, a hole punch 1786, a stapler 1788, a paper shredder 1790, a file folder 1792, a binder 1794, a folder 1796, a divider 1798, a tab 1800, a clip 1802, a ring 1804, a band 1806, a strap 1808, a buckle 1810, a latch 1812, a lock 1814, a key 1816, a handle 1818, a grip 1820, a knob 1822, a switch 1824, a button 1826, a dial 1828, a display 1830, a screen 1832, a keyboard 1834, a mouse 1836, a joystick 1838, a trackball 1840, a touchpad 1842, a trackpoint 1844, a touch screen 1846, a stylus 1848, a pen 1850, a pencil 1852, a marker 1854, a highlighter 1856, a eraser 1858, a sharpener 1860, a hole punch 1862, a stapler 1864, a paper shredder 1866, a file folder 1868, a binder 1870, a folder 1872, a divider 1874, a tab 1876, a clip 1878, a ring 1880, a band 1882, a strap 1884, a buckle 1886, a latch 1888, a lock 1890, a key 1892, a handle 1894, a grip 1896, a knob 1898, a switch 1900, a button 1902, a dial 1904, a display 1906, a screen 1908, a keyboard 1910, a mouse 1912, a joystick 1914, a trackball 1916, a touchpad 1918, a trackpoint 1920, a touch screen 1922, a stylus 1924, a pen 1926, a pencil 1928, a marker 1930, a highlighter 1932, a eraser 1934, a sharpener 1936, a hole punch 1938, a stapler 1940, a paper shredder 1942, a file folder 1944, a binder 1946, a folder 1948, a divider 1950, a tab 1952, a clip 1954, a ring 1956, a band 1958, a strap 1960, a buckle 1962, a latch 1964, a lock 1966, a key 1968, a handle 1970, a grip 1972, a knob 1974, a switch 1976, a button 1978, a dial 1980, a display 1982, a screen 1984, a keyboard 1986, a mouse 1988, a joystick 1990, a trackball 1992, a touchpad 1994, a trackpoint 1996, a touch screen 1998, a stylus 2000, a pen 2002, a pencil 2004, a marker 2006, a highlighter 2008, a eraser 2010, a sharpener 2012, a hole punch 2014, a stapler 2016, a paper shredder 2018, a file folder 2020, a binder 2022, a folder 2024, a divider 2026, a tab 2028, a clip 2030, a ring 2032, a band 2034, a strap 2036, a buckle 2038, a latch 2040, a lock 2042, a key 2044, a handle 2046, a grip 2048, a knob 2050, a switch 2052, a button 2054, a dial 2056, a display 2058, a screen 2060, a keyboard 2062, a mouse 2064, a joystick 2066, a trackball 2068, a touchpad 2070, a trackpoint 2072, a touch screen 2074, a stylus 2076, a pen 2078, a pencil 2080, a marker 2082, a highlighter 2084, a eraser 2086, a sharpener 2088, a hole punch 2090, a stapler 2092, a paper shredder 2094, a file folder 2096, a binder 2098, a folder 2100, a divider 2102, a tab 2104, a clip 2106, a ring 2108, a band 2110, a strap 2112, a buckle 2114, a latch 2116, a lock 2118, a key 2120, a handle 2122, a grip 2124, a knob 2126, a switch 2128, a button 2130, a dial 2132, a display 2134, a screen 2136, a keyboard 2138, a mouse 2140, a joystick 2142, a trackball 2144, a touchpad 2146, a trackpoint 2148, a touch screen 2150, a stylus 2152, a pen 2154, a pencil 2156, a marker 2158, a highlighter 2160, a eraser 2162, a sharpener 2164, a hole punch 2166, a stapler 2168, a paper shredder 2170, a file folder 2172, a binder 2174, a folder 2176, a divider 2178, a tab 2180, a clip 2182, a ring 2184, a band 2186, a strap 2188, a buckle 2190, a latch 2192, a lock 2194, a key 2196, a handle 2198, a grip 2200, a knob 2202, a switch 2204, a button 2206, a dial 2208, a display 2210, a screen 2212, a keyboard 2214, a mouse 2216, a joystick 2218, a trackball 2220, a touchpad 2222, a trackpoint 2224, a touch screen 2226, a stylus 2228, a pen 2230, a pencil 2232, a marker 2234, a highlighter 2236, a eraser 2238, a sharpener 2240, a hole punch 2242, a stapler 2244, a paper shredder 2246, a file folder 2248, a binder 2250, a folder 2252, a divider 2254, a tab 2256, a clip 2258, a ring 2260, a band 2262, a strap 2264, a buckle 2266, a latch 2268, a lock 2270, a key 2272, a handle 2274, a grip 2276, a knob 2278, a switch 2280, a button 2282, a dial 2284, a display 2286, a screen 2288, a keyboard 2290, a mouse 2292, a joystick 2294, a trackball 2296, a touchpad 2298, a trackpoint 2300, a touch screen 2302, a stylus 2304, a pen 2306, a pencil 2308, a marker 2310, a highlighter 2312, a eraser 2314, a sharpener 2316, a hole punch 2318, a stapler 2320, a paper shredder 2322, a file folder 2324, a binder 2326, a folder 2328, a divider 2330, a tab 2332, a clip 2334, a ring 2336, a band 2338, a strap 2340, a buckle 2342, a latch 2344, a lock 2346, a key 2348, a handle 2350, a grip 2352, a knob 2354, a switch 2356, a button 2358, a dial 2360, a display 2362, a screen 2364, a keyboard 2366, a mouse 2368, a joystick 2370, a trackball 2372, a touchpad 2374, a trackpoint 2376, a touch screen 2378, a stylus 2380, a pen 2382, a pencil 2384, a marker 2386, a highlighter 2388, a eraser 2390, a sharpener 2392, a hole punch 2394, a stapler 2396, a paper shredder 2398, a file folder 2400, a binder 2402, a folder 2404, a divider 2406, a tab 2408, a clip 2410, a ring 2412, a band 2414, a strap 2416, a buckle 2418, a latch 2420, a lock 2422, a key 2424, a handle 2426, a grip 2428, a knob 2430, a switch 2432, a button 2434, a dial 2436, a display 2438, a screen 2440, a keyboard 2442, a mouse 2444, a joystick 2446, a trackball 2448, a touchpad 2450, a trackpoint 2452, a touch screen 2454, a stylus 2456, a pen 2458, a pencil 2460, a marker 2462, a highlighter 2464, a eraser 2466, a sharpener 2468, a hole punch 2470, a stapler 2472, a paper shredder 2474, a file folder 2476, a binder 2478, a folder 2480, a divider 2482, a tab 2484, a clip 2486, a ring 2488, a band 2490, a strap 2492, a buckle 2494, a latch 2496, a lock 2498, a key 2500, a handle 2502, a grip 2504, a knob 2506, a switch 2508, a button 2510, a dial 2512, a display 2514, a screen 2516, a keyboard 2518, a mouse 2520, a joystick 2522, a trackball 2524, a touchpad 2526, a trackpoint 2528, a touch screen 2530, a stylus 2532, a pen 2534, a pencil 2536, a marker 2538, a highlighter 2540, a eraser 2542, a sharpener 2544, a hole punch 2546, a stapler 2548, a paper shredder 2550, a file folder 2552, a binder 2554, a folder 2556, a divider 2558, a tab 2560, a clip 2562, a ring 2564, a band 2566, a strap 2568, a buckle 2570, a latch 2572, a lock 2574, a key 2576, a handle 2578, a grip 2580, a knob 2582, a switch 2584, a button 2586, a dial 2588, a display 2590, a screen 2592, a keyboard 2594, a mouse 2596, a joystick 2598, a trackball 2600, a touchpad 2602, a trackpoint 2604, a touch screen 2606, a stylus 2608, a pen 2610, a pencil 2612, a marker 2614, a highlighter 2616, a eraser 2618, a sharpener 2620, a hole punch 2622, a stapler 2624, a paper shredder 2626, a file folder 2628, a binder 2630, a folder 2632, a divider 2634, a tab 2636, a clip 2638, a ring 2640, a band 2642, a strap 2644, a buckle 2646, a latch 2648, a lock 2650, a key 2652, a handle 2654, a grip 2656, a knob 2658, a switch 2660, a button 2662, a dial 2664, a display 2666, a screen 2668, a keyboard 2670, a mouse 2672, a joystick 2674, a trackball 2676, a touchpad 2678, a trackpoint 2680, a touch screen 2682, a stylus 2684, a pen 2686, a pencil 2688, a marker 2690, a highlighter 2692, a eraser 2694, a sharpener 2696, a hole punch 2698, a stapler 2700, a paper shredder 2702, a file folder 2704, a binder 2706, a folder 2708, a divider 2710, a tab 2712, a clip 2714, a ring 2716, a band 2718, a strap 2720, a buckle 2722, a latch 2724, a lock 2726, a key 2728, a handle 2730, a grip 2732, a knob 2734, a switch 2736, a button 2738, a dial 2740, a display 2742, a screen 2744, a keyboard 2746, a mouse 2748, a joystick 2750, a trackball 2752, a touchpad 2754, a trackpoint 2756, a touch screen 2758, a stylus 2760, a pen 2762, a pencil 2764, a marker 2766, a highlighter 2768, a eraser 2770, a sharpener 2772, a hole punch 2774, a stapler 2776, a paper shredder 2778, a file folder 2780, a binder 2782, a folder 2784, a divider 2786, a tab 2788, a clip 2790, a ring 2792, a band 2794, a strap 2796, a buckle 2798, a latch 2800, a lock 2802, a key 2804, a handle 2806, a grip 2808, a knob 2810, a switch 2812, a button 2814, a dial 2816, a display 2818, a screen 2820, a keyboard 2822, a mouse 2824, a joystick 2826, a trackball 2828, a touchpad 2830, a trackpoint 2832, a touch screen 2834, a stylus 2836, a pen 2838, a pencil 2840, a marker 2842, a highlighter 2844, a eraser 2846, a sharpener 2848, a hole punch 2850, a stapler 2852, a paper shredder 2854, a file folder 2856, a binder 2858, a folder 2860, a divider 2862, a tab 2864, a clip 2866, a ring 2868, a band 2870, a strap 2872, a buckle 2874, a latch 2876, a lock 2878, a key 2880, a handle 2882, a grip 2884, a knob 2886, a switch 2888, a button 2890, a dial 2892, a display 2894, a screen 2896, a keyboard 2898, a mouse 2900, a joystick 2902, a trackball 2904, a touchpad 2906, a trackpoint 2908, a touch screen 2910, a stylus 2912, a pen 2914, a pencil 2916, a marker 2918, a highlighter 2920, a eraser 2922, a sharpener 2924, a hole punch 2926, a stapler 2928, a paper shredder 2930, a file folder 2932, a binder 2934, a folder 2936, a divider 2938, a tab 2940, a clip 2942, a ring 2944, a band 2946, a strap 2948, a buckle 2950, a latch 2952, a lock 2954, a key 2956, a handle 2958, a grip 2960, a knob 2962, a switch 2964, a button 2966, a dial 2968, a display 2970, a screen 2972, a keyboard 2974, a mouse 2976, a joystick 2978, a trackball 2980, a touchpad 2982, a trackpoint 2984, a touch screen 2986, a stylus 2988, a pen 2990, a pencil 2992, a marker 2994, a highlighter 2996, a eraser 2998, a sharpener 3000, a hole punch 3002, a stapler 3004, a paper shredder 3006, a file folder 3008, a binder 3010, a folder 3012, a divider 3014, a tab 3016, a clip 3018, a ring 3020, a band 3022, a strap 3024, a buckle 3026, a latch 3028, a lock 3030, a key 3032, a handle 3034, a grip 3036, a knob 3038, a switch 3040, a button 3042, a dial 3044, a display 3046, a screen 3048, a keyboard 3050, a mouse 3052, a joystick 3054, a trackball 3056, a touchpad 3058, a trackpoint 3060, a touch screen 3062, a stylus 3064, a pen 3066, a pencil 3068, a marker 3070, a highlighter 3072, a eraser 3074, a sharpener 3076, a hole punch 3078, a stapler 3080, a paper shredder 3082, a file folder 3084, a binder 3086, a folder 3088, a divider 3090, a tab 3092, a clip 3094, a ring 3096, a band

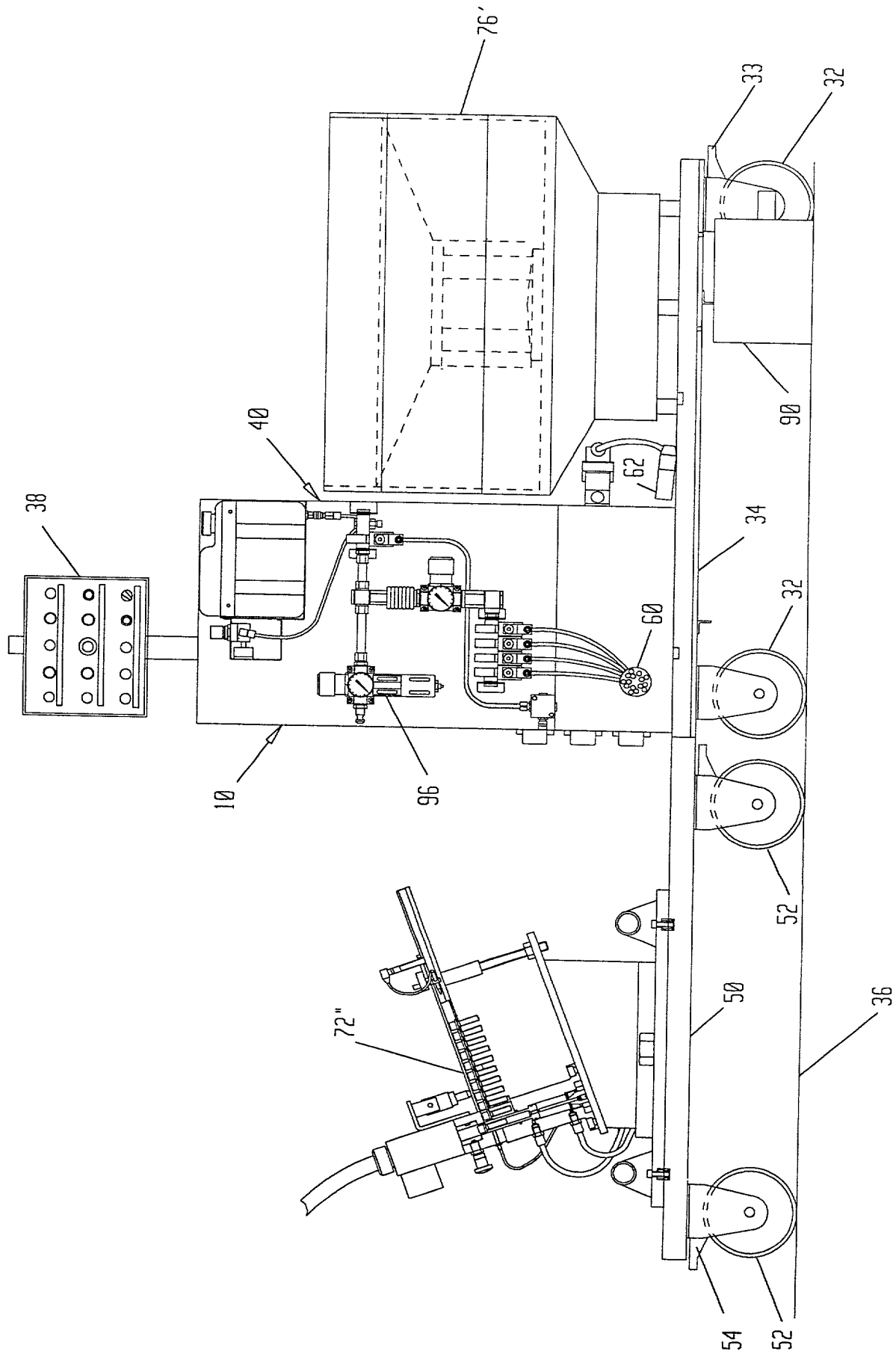


FIG. 27

FIG. 28 is a schematic diagram of a system 10 for processing a substrate 34. The system 10 includes a substrate 34, a processing chamber 38, a gas inlet 35, a gas outlet 35, a gas supply 40, a gas control system 42, a gas distribution system 45, a gas detector 70, a gas sensor 72, and a gas filter 72.

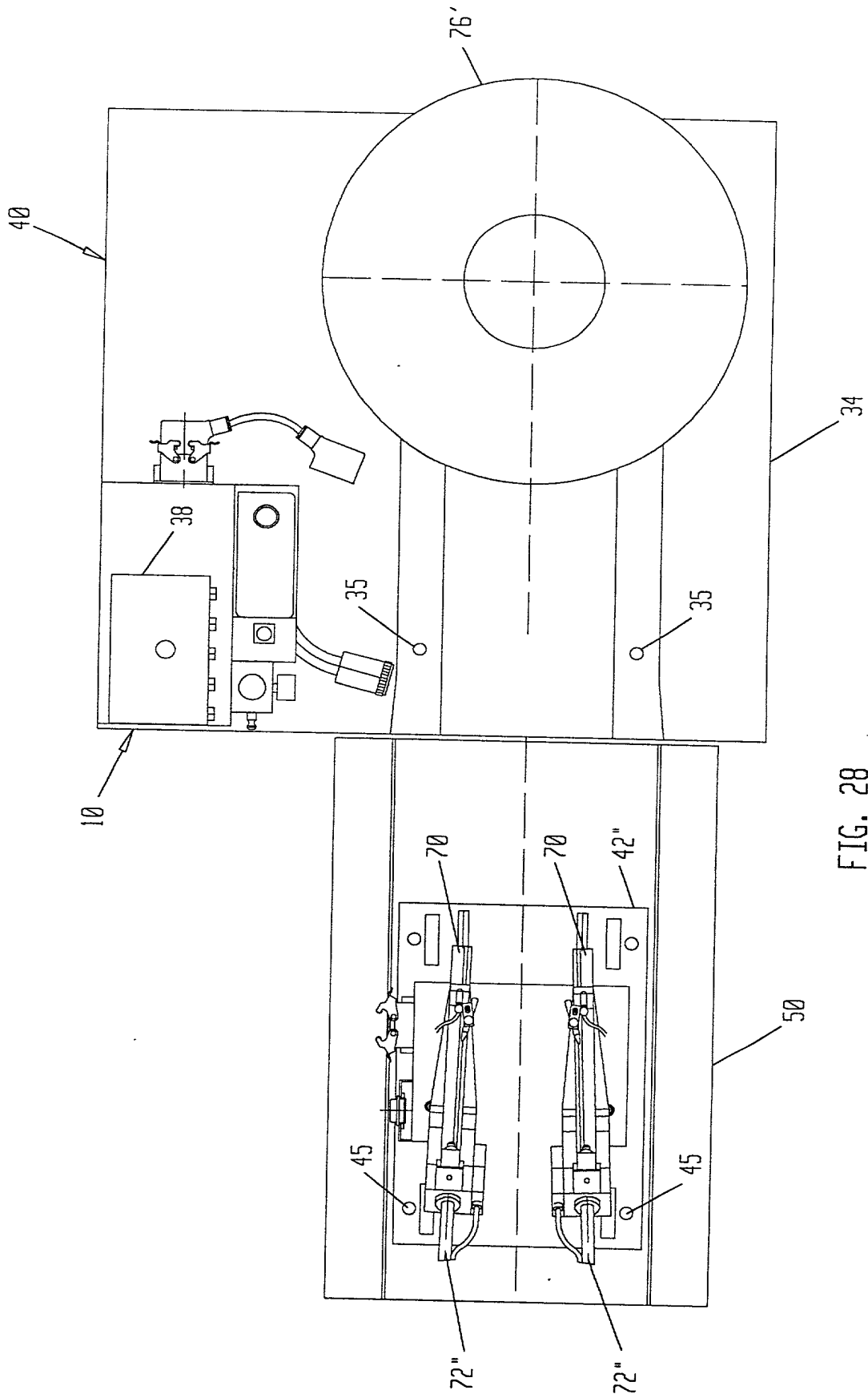
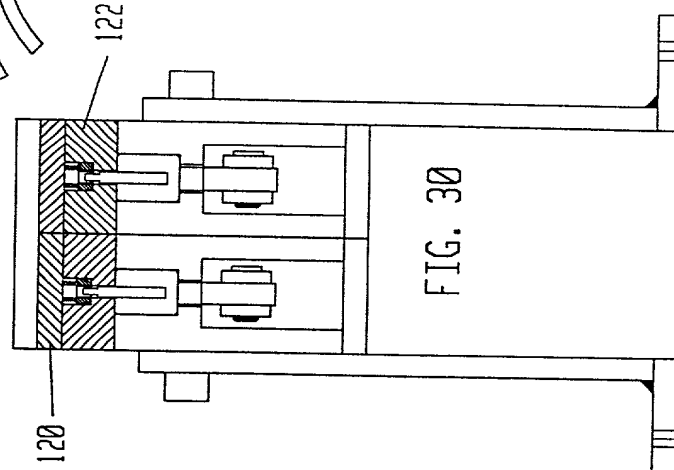
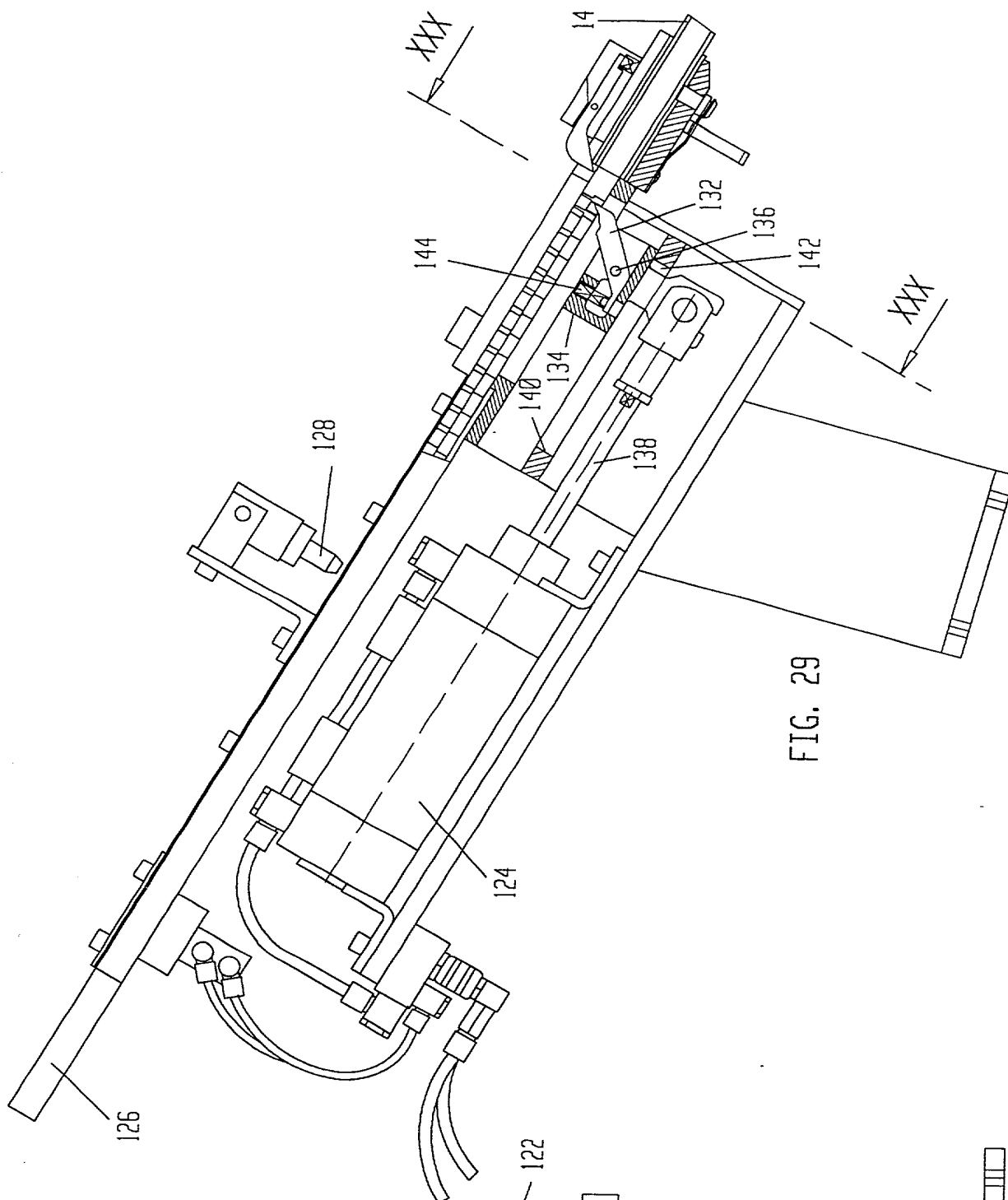


FIG. 28



XXXIV

XXXIII

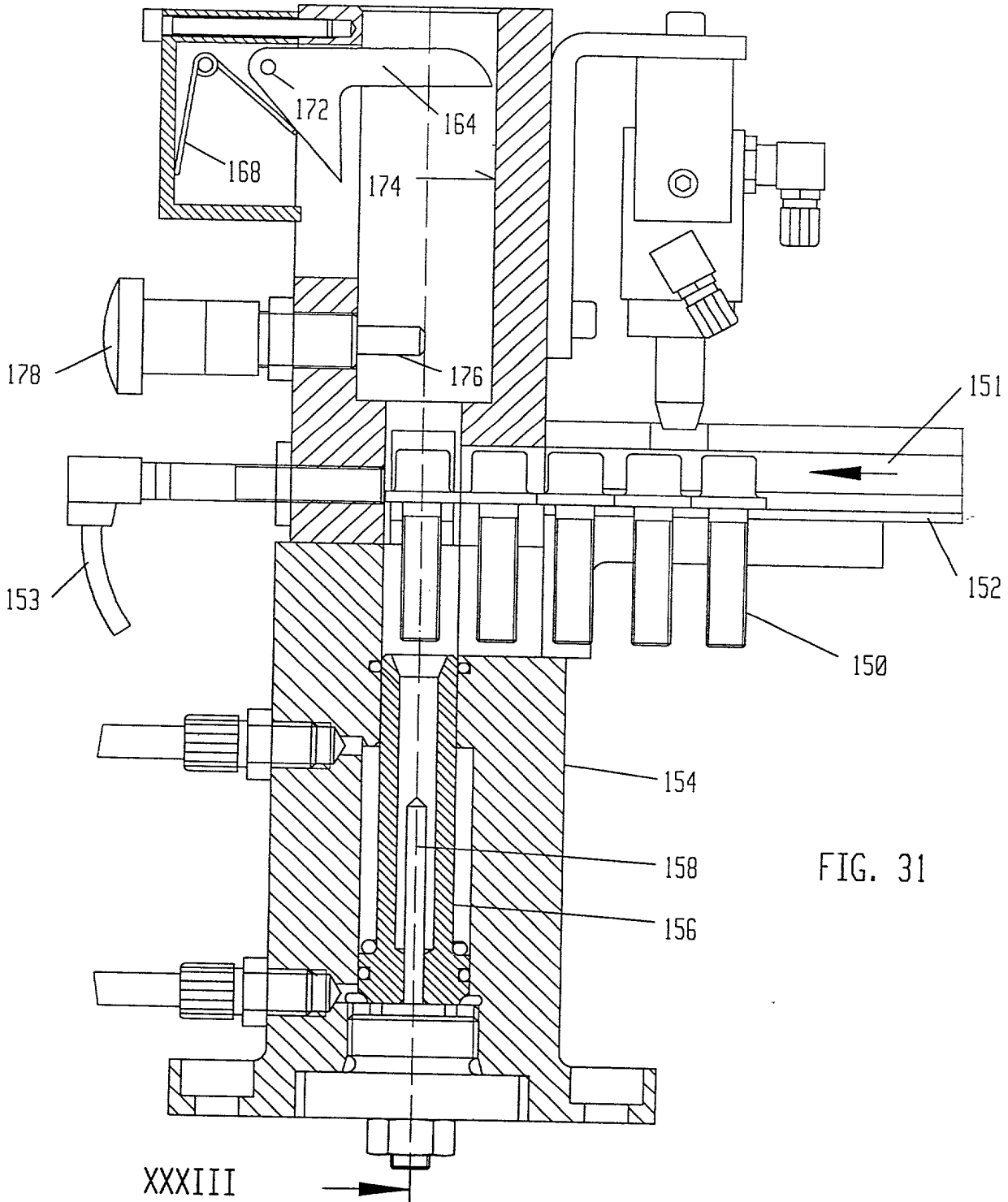


FIG. 31

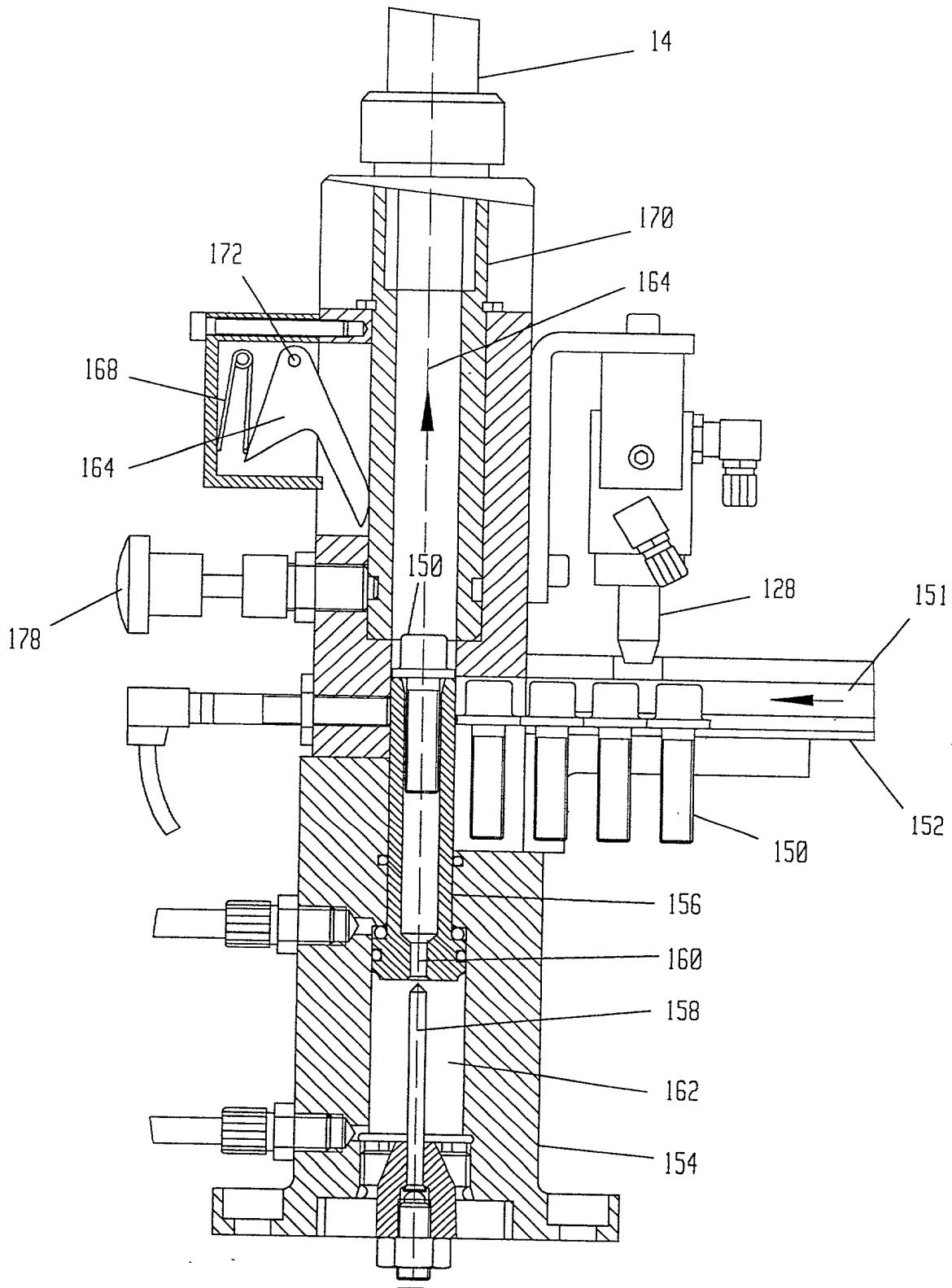


FIG. 32

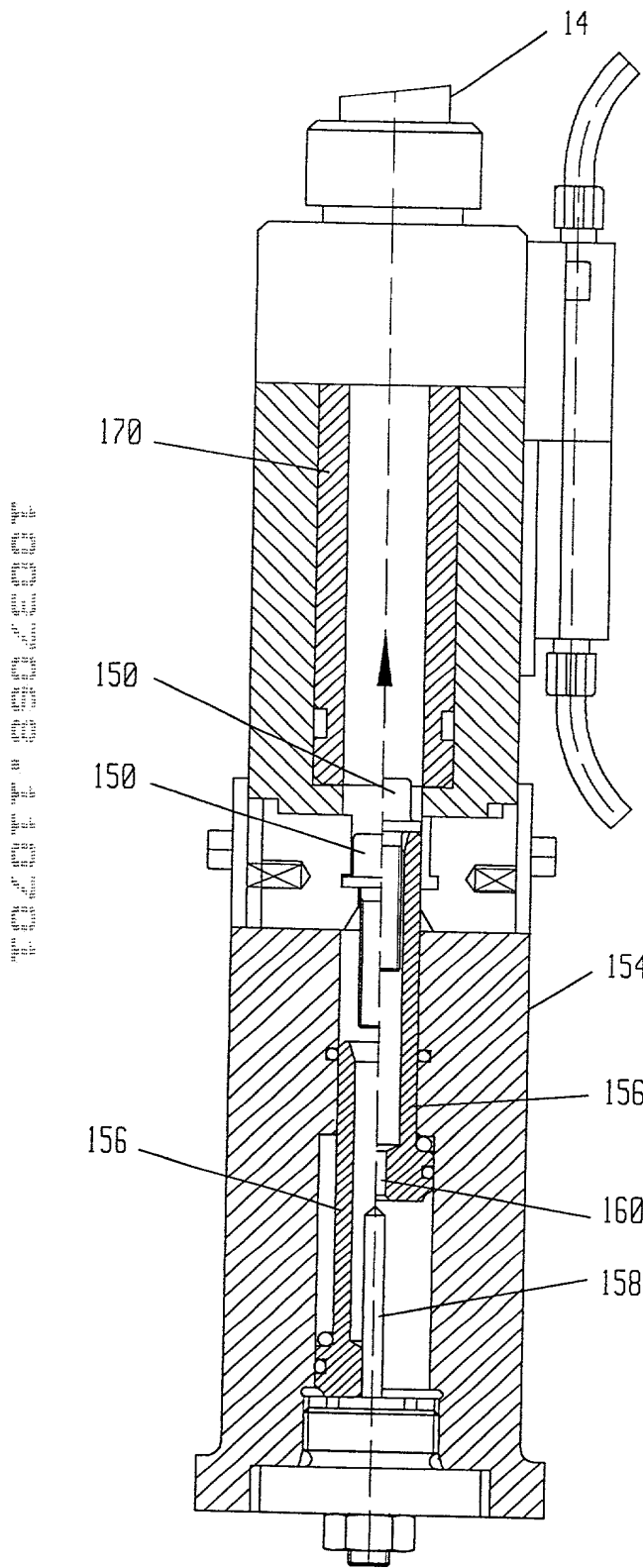


FIG. 33

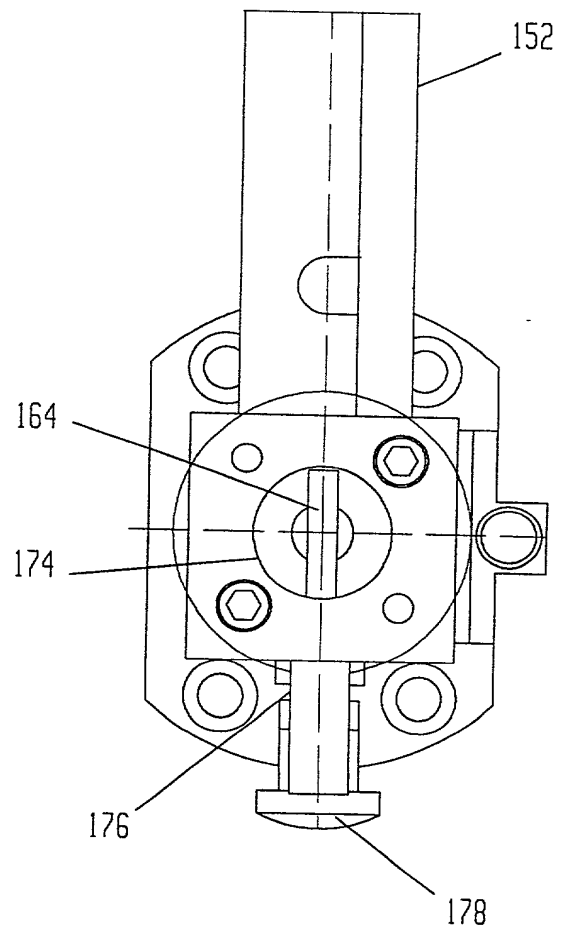


FIG. 34

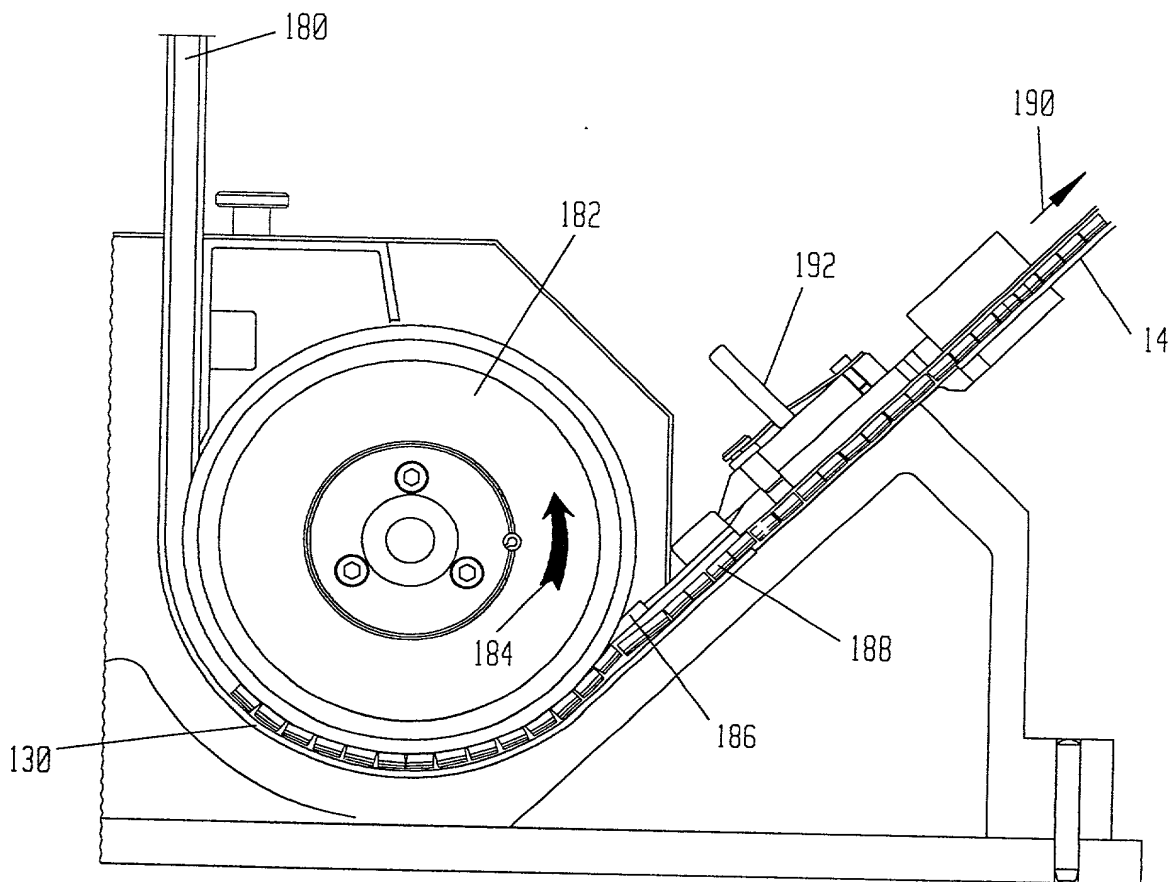


FIG. 35

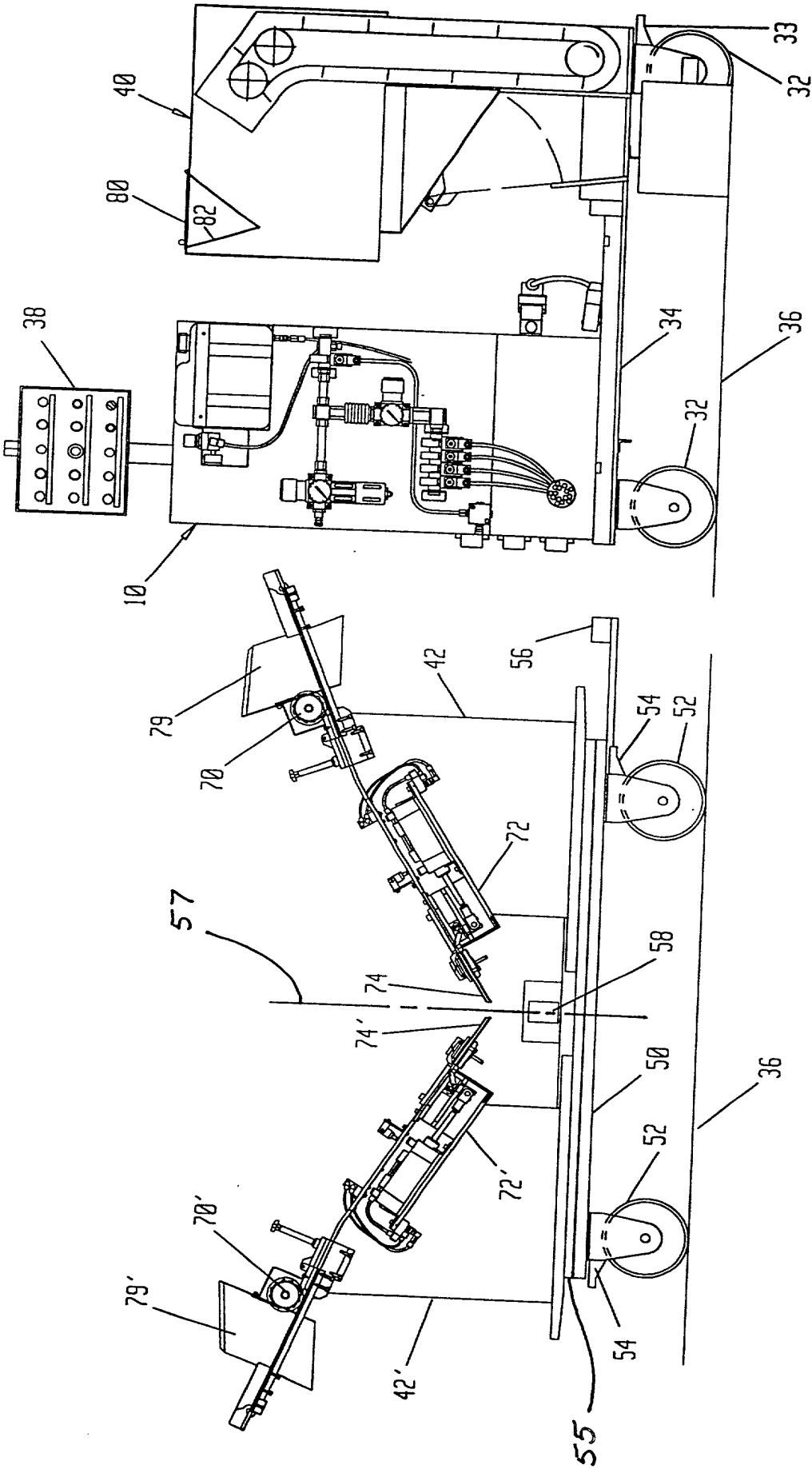


FIG. 36

